

U.S. PURCHASERS' QUESTIONNAIRE

R-125 (PENTAFLUOROETHANE) FROM CHINA

This questionnaire must be received by the Commission by **September 27, 2021**
See last page for filing instructions.

The information called for in this survey is for use by the United States International Trade Commission in connection with its antidumping and countervailing duty concerning pentafluoroethane ("R-125") from China (Inv. Nos. 701-TA-662 and 731-TA-1554 (Final)). The information requested in the survey is requested under the authority of the Tariff Act of 1930, title VII. This report is mandatory and failure to reply as directed can result in a subpoena or other order to compel the submission of records or information in your possession (19 U.S.C. § 1333(a)). Further information on this survey can be obtained from Tyler Martin (202-205-3198, tyler.martin@usitc.gov).

Name of firm _____
Address _____
City _____ State _____ Zip Code _____
Website _____

Has your firm purchased, or imported for its own use, R-125 or R-125 in covered blends (as defined on next page) at any time since January 1, 2018?

- ☐ **NO** (Sign the certification below and promptly return **only** this page of the survey to the Commission)
- ☐ **YES** (Complete all parts of the survey, and return the entire survey to the Commission)

Return questionnaire via the U.S. International Trade Commission **Drop Box** by clicking on the following link: <https://dropbox.usitc.gov/oinv/>. (PIN: **PENT**)

CERTIFICATION

I certify that the information herein supplied in response to this questionnaire is complete and correct to the best of my knowledge and belief and understand that the information submitted is subject to audit and verification by the Commission. By submitting this certification I also grant consent for the Commission, and its employees and contract personnel, to use the information provided in this questionnaire and throughout this proceeding in any other import-injury proceedings conducted by the Commission on the same or similar merchandise.

I, the undersigned, acknowledge that information submitted in response to this request for information and throughout this proceeding or other proceedings may be disclosed to and used: (i) by the Commission, its employees and Offices, and contract personnel (a) for developing or maintaining the records of this or a related proceeding, or (b) in internal investigations, audits, reviews, and evaluations relating to the programs, personnel, and operations of the Commission including under 5 U.S.C. Appendix 3; or (ii) by U.S. government employees and contract personnel, solely for cybersecurity purposes. I understand that all contract personnel will sign appropriate nondisclosure agreements.

Name of Authorized Official

Title of Authorized Official

Date

Signature

Phone

Email address

PART I.—GENERAL INFORMATION

Background.-- This proceeding was instituted in response to petitions filed on January 12, 2021, by Honeywell International, Inc., Charlotte, North Carolina. Antidumping and countervailing duties may be assessed on the subject imports as a result of these proceedings if the Commission makes an affirmative determination of injury, threat, or material retardation, and if the U.S. Department of Commerce ("Commerce") makes an affirmative determination of dumping and/or subsidization. Questionnaires and other information pertinent to this proceeding are available at https://www.usitc.gov/investigations/2021/pentafluoroethane_r_125_china/final.htm.

Pentafluoroethane ("R-125") covered by these investigations is pentafluoroethane (R-125), or its chemical equivalent, regardless of form, type or purity level. R-125 has the Chemical Abstracts Service (CAS) registry number of 354-33-6 and the chemical formula C₂HF₅. R-125 is also referred to as Pentafluoroethane, Genetron HFC 125, Khladon 125, Suva 125, Freon 125, and Fc-125. R-125 that has been blended with other products is included within the scope if such blends contain 85% or more by volume R-125, on an actual percentage basis. However, R-125 incorporated into a blend that conforms to ANSI/ASHRAE Standard 34 is excluded from the scope of these investigations. When R-125 is blended with other products and otherwise falls under the scope of these investigations, only the R-125 component of the mixture is covered by the scope of these investigations.

Subject merchandise also includes purified and unpurified R-125 that is processed in a third country or otherwise outside the customs territory of the United States, including, but not limited to, purifying, blending, or any other processing that would not otherwise remove the merchandise from the scope of these investigations if performed in the country of manufacture of the in-scope R-125. The scope also includes R-125 that is commingled with R-125 from sources not subject to these investigations. Only the subject component of such commingled products is covered by the scope of these investigations.

Excluded from the scope is merchandise covered by the scope of the antidumping order on Hydrofluorocarbon Blends from the People's Republic of China, including merchandise subject to the affirmative anti-circumvention determination in Hydrofluorocarbon Blends from the People's Republic of China: Affirmative Final Determination of Circumvention of the Antidumping Duty Order; Unfinished R-32/R-125 Blends, 85 FR 15428 (March 18, 2020). See Hydrofluorocarbon Blends from the People's Republic of China: Antidumping Duty Order, 81 FR 55436 (August 19, 2016) (the Blends Order).

R-125 is entered under Harmonized Tariff Schedule of the United States (HTSUS) statistical reporting numbers 2903.39.2035 and 2903.39.2938. Merchandise subject to the scope may also be entered under HTSUS statistical reporting numbers 2903.39.2045, 3824.78.0020, and 3824.78.0050. The HTSUS numbers and CAS registry number are provided for convenience and customs purposes. The written description of the scope of these investigations is dispositive.

Covered blends.-- Covered blends include any blends containing 85% or more by volume R-125, on an actual percentage basis. Blends that conform to ANSI/ASHRAE Standard 34 are excluded. Blends covered by the HFC blends order (i.e., R-404A, R-407A, R-407C, R-410A, and R-507A), as well as blends covered under the identified anticircumvention determination in the Blends order are also excluded.

Purchaser.--Any firm engaged, either directly or through a parent company or subsidiary, in purchasing R-125 from another firm that produces, imports, or otherwise distributes R-125.

Reporting of information.--If information is not readily available from your records, provide carefully prepared estimates. If your firm is completing more than one questionnaire (i.e., a producer, importer, and/or purchaser questionnaire), you need not respond to duplicated questions.

Confidentiality.--The commercial and financial data furnished in response to this questionnaire that reveal the individual operations of your firm will be treated as confidential by the Commission to the extent that such data are not otherwise available to the public and will not be disclosed except as may be required by law (see 19 U.S.C. § 1677f). Such confidential information will not be published in a manner that will reveal the individual operations of your firm; however, general characterizations of numerical business proprietary information (such as discussion of trends) will be treated as confidential business information only at the request of the submitter for good cause shown.

Verification.--The information submitted in this questionnaire is subject to audit and verification by the Commission. To facilitate possible verification of data, please keep all files, worksheets, and supporting documents used in the preparation of the questionnaire response. Please also retain a copy of the final document that you submit.

Release of information.--The information provided by your firm in response to this questionnaire, as well as any other business proprietary information submitted by your firm to the Commission in connection with this proceeding, may become subject to, and released under, the administrative protective order provisions of the Tariff Act of 1930 (19 U.S.C. § 1677f) and section 207.7 of the Commission's Rules of Practice and Procedure (19 CFR § 207.7). This means that certain lawyers and other authorized individuals may temporarily be given access to the information for use in connection with this proceeding or other import-injury proceedings conducted by the Commission on the same or similar merchandise; those individuals would be subject to severe penalties if the information were divulged to unauthorized individuals.

- I-1a. **Establishments covered.**--Provide the name and address of your U.S. establishment(s) covered by this questionnaire, if different from that listed on the cover page. **Firms operating more than one establishment should combine the data for all establishments into a single response.**

"Establishment"--Each facility of a firm involved in the purchase of R-125, including auxiliary facilities operated in conjunction with (whether or not physically separate from) such facilities.

--

- I-1b. **Stock symbol information.**--If your firm or parent firm is publicly traded, please specify the stock exchange and trading symbol: _____.

- I-1c. **External counsel.**--If your firm or parent firm is represented by external counsel in relation to this proceeding, please specify the name of the law firm and the lead attorney(s).

Law firm:	
Lead attorney(s):	

- I-2. **Ownership.**--Is your firm owned, in whole or in part, by any other firm?

☐ No ☐ Yes--List the following information, relating to the ultimate parent/owner.

Firm name	Country	Extent of ownership (percent)

- I-3. **Related importers/exporters.**--Does your firm have any related firms, either domestic or foreign, which import R-125 into the United States or which export R-125 to the United States?

☐ No ☐ Yes--List the following information.

Firm name	Country	Affiliation

I-4. **Related producers.**--Does your firm have any related firms, either domestic or foreign, which produce R-125?

☐ No ☐ Yes--List the following information.

Firm name	Country	Affiliation

PART II.--PURCHASES

Contact information.--Please identify the responsible individual and the manner by which Commission staff may contact that individual regarding the confidential information submitted in this questionnaire.

Name	
Title	
Email	
Telephone	

- II-1a. **Purchases and imports.**--Report separately your firm's domestic purchases and imports of R-125.

"Purchase" – Purchase from a U.S. entity such as a U.S. producer, a U.S. importer, or other U.S. firm.

"Import" – Purchase directly from a foreign supplier and your firm is the importer of record.

Item	2018	2019	2020	Jan-Jun 2021
	Quantity (in short tons)			
Purchases of R-125³ produced in— United States				
China				
All other countries ¹				
Sources unknown ²				
Total purchases	0	0	0	0
Imports of R-125³ from— China				
All other countries ¹				
Total imports ⁴	0	0	0	0

¹ Please identify these countries:

² Please indicate the firm(s) from which you purchased this merchandise:

³ R-125 or R-125 contained in covered blends. Covered blends include any blends containing 85% or more by volume R-125, on an actual percentage basis. Blends that conform to ANSI/ASHRAE Standard 34 are excluded. Blends covered by the HFC blends order (i.e., R-404A, R-407A, R-407C, R-410A, and R-507A), as well as blends covered under the identified anticircumvention determination in the Blends order are also excluded. Report only the quantity of the R-125 contained in these covered blends. Please list the covered blends: _____.

⁴ If your firm imported R-125 at any time since January 1, 2018, please also complete and return a U.S. importers' questionnaire in this proceeding.

- II-1b. **Purchases and imports of R-125 and R-125 contained in blends.**--Are your firm's domestic purchases and imports composed of R-125, R-125 contained in blends, or both? Check all that apply.

Source	R-125	R-125 contained in blends
Domestic	<input type="checkbox"/>	<input type="checkbox"/>
Imported	<input type="checkbox"/>	<input type="checkbox"/>
Source	R-125	R-125 contained in blends
Domestic	<input type="checkbox"/>	<input type="checkbox"/>
Imported	<input type="checkbox"/>	<input type="checkbox"/>

If you selected "R-125 contained in blends," which blends are your purchasing?

--

If one of the blends you are purchasing contains less than 85% by volume R-125, on an actual percentage basis, or conforms to ANSI/ASHRAE Standard 34 or is R-404A, R-407A, R-407C, R-410A, and/or R-507A, do not report the R-125 contained in these blends in question II-1.

- II-2. **Changes in purchasing patterns.**--Please indicate how the shares of your firm's purchases of R-125 from different sources have changed since January 1, 2018. Explain any trends, the relative timeframe, and describe the principal factors (e.g., the impact of the COVID-19 pandemic) that have affected these changes in purchases.

Source of purchases	Did not purchase	Decreased	Increased	Constant	Fluctuated	Explanation for trend
United States	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
China	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
All other countries	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Sources unknown	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

- II-3. **Country knowledge.**--Please indicate the countries of origin with which your firm has experience or information in the R-125 market.

United States	China	Other countries	Other countries (specify)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

- II-4. **Supplier identification.**--Please list your firm's **FIVE** largest suppliers for R-125 since January 1, 2018. Also, provide the share of the quantity of your firm's total purchases of R-125 that each of these suppliers accounted for in 2020.

No.	Supplier's name	City and state	Share of quantity of 2020 purchases
1			%
2			%
3			%
4			%
5			%

PART III.--MARKET CHARACTERISTICS AND PURCHASING PRACTICES

- III-1. **Firm type.**--Which of the following best describes your firm as a purchaser of R-125 (check all that apply)?

HFC component blender	OEM and other non-blender end user	Distributor and service companies	Other	Describe other
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

If your firm is a distributor of R-125, please answer questions III-2 and III-3.

- III-2. **Competition for sales.**--Does your firm compete for sales to customers with the manufacturers or importers from which your firm purchases R-125?

No	Yes	If yes, please describe.
<input type="checkbox"/>	<input type="checkbox"/>	

- III-3. **Types of customers.**--What are the major types of consumers to which your firm sells R-125?

--

If your firm is an end user of R-125, please answer questions III-4 and III-5.

- III-4. **End uses.**--List the top 3 products your firm makes using R-125 and estimate the percent of your total production cost that is accounted for by R-125 and by other inputs (such as labor, energy, and other raw materials).

Product(s) your firm produces	Share of total cost in each of the product(s) your firm produces accounted for by				Total (should sum to 100.0% across)
	R-125		Other inputs		
	%	+	%	=	0.0 %
	%	+	%	=	0.0 %
	%	+	%	=	0.0 %

- III-5. **Demand for end-use products.**--

- (a) Has the demand for your firm's final products incorporating R-125 changed since January 1, 2018?

Increased	No change	Decreased	Fluctuated
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

- (b) Has this had any effect on your firm's demand for R-125?

No	Yes	Explain
<input type="checkbox"/>	<input type="checkbox"/>	

III-6. **Substitutes.**--Can other products be substituted for R-125?

☐ No

☐ Yes--Please fill out the table.

Substitute	End use in which this substitute is used	Have changes in the price of this substitute affected the price for R-125?		
		No	Yes	Explanation
1.		<input type="checkbox"/>	<input type="checkbox"/>	
2.		<input type="checkbox"/>	<input type="checkbox"/>	
3.		<input type="checkbox"/>	<input type="checkbox"/>	

III-7a. **Demand trends.**--Indicate how demand within the United States and outside of the United States (if known) for R-125 has changed since January 1, 2018. Explain any trends and describe the principal factors (e.g., the impact of the COVID-19 pandemic) that have affected these changes in demand.

Market	Overall increase	No change	Overall decrease	Fluctuate with no clear trend	Explanation and factors
Within the United States	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Outside the United States	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

III-7b. **HFC Blends Order impact on R-125 demand.**--Did the HFC Blends Order (81 Fed. Reg. 55436 (Aug. 19, 2016) (the "Blends Order")) have an impact on the R-125 market in the United States?

Yes --Please indicate the impact in the table below.	No	Don't know
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Factor	Overall increase	No change	Overall decrease	Fluctuate with no clear trend	Explain, noting how the impact of the Blends Order affected each factor of the R-125 market in the United States.
Supply of U.S.-produced R-125	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Supply of R-125 imported from China	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Supply of R-125 imported from other countries	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Prices for R-125	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Overall U.S. demand for R-125	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Raw material costs for R-125	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

III-8. **Country preferences.**--Do you or your customers ever specifically order R-125 from one country in particular over other possible sources of supply?

No	Yes	If yes, identify the countries and explain any preferences.
<input type="checkbox"/>	<input type="checkbox"/>	

III-9. **Importance of purchasing domestic product.**--Please fill out the table below, estimating the percentage of your firm's total 2020 purchases of R-125 that required R-125 produced in the United States.

	Estimated percentage of your firm's total 2020 purchases of R-125
Purchases that did not require domestic product	%
Purchases that were required by law or regulation to be domestic product (e.g., government purchases under "Buy American" provisions)	%
Purchases that were not required by law or regulation, but were required by your customers to be domestic product	%
Purchases that were required to be domestic product for other reasons (explain: _____.)	%
Total (should sum to 100.0%)	0.0 %

III-10. **Conditions of competition.**--

- (a) Is the R-125 market subject to business cycles and/or other conditions of competition distinctive to R-125?

Check all that apply.	Please describe.
<input type="checkbox"/> No	Skip to next question.
<input type="checkbox"/> Yes-Business cycles (e.g. seasonal business)	
<input type="checkbox"/> Yes-Other distinctive conditions of competition	

- (b) If yes, have there been any changes in the business cycles or conditions of competition for R-125 since January 1, 2018?

No	Yes	If yes, describe.
<input type="checkbox"/>	<input type="checkbox"/>	

- III-11. **Decisions based on producer and country-of-origin.**--How often does your firm, and if known, do your customers, make purchasing decisions involving R-125 based on its producer or country of origin?

Item	Always	Usually	Sometimes	Never	If at least sometimes, explain.
Decision based on producer					
Your firm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Your customers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Decision based on country of origin					
Your firm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Your customers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

- III-12. **Availability of supply.**--Has the availability of R-125 in the U.S. market changed since January 1, 2018?

Availability in the U.S. market	No	Yes	Please explain, noting the countries and reasons for the changes.
U.S.-produced product	<input type="checkbox"/>	<input type="checkbox"/>	
Subject imports	<input type="checkbox"/>	<input type="checkbox"/>	
Nonsubject imports	<input type="checkbox"/>	<input type="checkbox"/>	

III-13. Supply constraints.--

- (a) Has your firm refused, declined, or been unable to supply R-125 at any time between January 1, 2018 and January 12, 2021 (examples include placing customers on allocation or "controlled order entry," declining to accept new customers or renew existing customers, delivering less than the quantity promised, being unable to meet timely shipment commitments, impact from changes in operations listed in II-2a, etc.)?

No	Yes	If yes, please describe, including the reason, timing, and duration of the constraint.
<input type="checkbox"/>	<input type="checkbox"/>	

- (b) Has your firm experienced any supply constraints since the petition was filed on January 12, 2021?

No	Yes	If yes, please describe, including the reason, timing, and duration of the constraint.
<input type="checkbox"/>	<input type="checkbox"/>	

III-14. Availability of specific product types.--Are certain grades/types/sizes of R-125 only available from certain country sources?

No	Yes	If yes, please identify the countries and the grade/type/size.
<input type="checkbox"/>	<input type="checkbox"/>	

III-15. Purchasing frequency.--

- (a) How frequently does your firm make purchases of R-125 (check one)?

Daily	Weekly	Monthly	Quarterly	Annually	Other	If other, specify
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

- (b) Has this purchasing frequency changed since January 1, 2018?

No	Yes	If yes, please describe.
<input type="checkbox"/>	<input type="checkbox"/>	

III-16. **Raw material prices.**--

- (a) Is your firm familiar with the prices for raw materials used in the production of R-125?

No	Yes – please answer (b)
<input type="checkbox"/>	<input type="checkbox"/>

- (b) Has information on raw material prices affected your firm's negotiations or contracts to purchase R-125 since 2018?

No	Yes	Explain
<input type="checkbox"/>	<input type="checkbox"/>	

- III-17. **Number of suppliers contacted.**--How many suppliers does your firm generally contact before making a purchase? Between ____ and ____ firms

- III-18. **Supplier negotiations.**--Do your firm's purchases of R-125 usually involve negotiations between supplier and purchaser?

No	Yes	If yes, explain the factors your firm generally negotiates and note whether your firm quotes competing prices during negotiations.
<input type="checkbox"/>	<input type="checkbox"/>	

III-19. **Change in suppliers.**--Has your firm changed suppliers since January 1, 2018?

No	Yes	If yes, please list the supplier(s), whether the firm was added or dropped, and the reasons for the change.
<input type="checkbox"/>	<input type="checkbox"/>	

III-20. **New suppliers.**--Are you aware of any new suppliers, either foreign or domestic, that have entered the market since January 1, 2018?

No	Yes	If yes, please identify the firms.
<input type="checkbox"/>	<input type="checkbox"/>	

III-21. **Supplier qualification.**--Do you require your suppliers to be or to become certified or qualified to sell R-125 to your firm?

If yes, provide the following information.

- The number of days to qualify a new supplier.
- A general description of the certification or qualification process. Also, a brief description of the factors that you consider when qualifying a new supplier (e.g., quality of product, reliability of supplier, etc.).

No	Yes	Number of days	Process and factors
<input type="checkbox"/>	<input type="checkbox"/>		

III-22. **Failure to certify.**--Since January 1, 2018, have any domestic or foreign producers failed in their attempts to certify or qualify their R-125 with your firm or have any producers lost their approved status?

No	Yes	If yes, please identify these firms, the countries where they are located, and the reasons why they failed the certification/qualification.
<input type="checkbox"/>	<input type="checkbox"/>	

- III-23. **Major purchasing factors.**--Please list, in order of their importance, the main factors your firm considers in deciding from whom to purchase R-125 (examples include availability, extension of credit, contracts, price, quality, range of supplier's product line, traditional supplier, etc.).

1.	
2.	
3.	
Please list any other factors that are very important in your purchase decisions: _____.	

- III-24. **Purchasing factors.**--Please rate the importance of the following factors in your firm's purchasing decisions for R-125.

Factor	Very important	Somewhat important	Not important
Availability	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Delivery terms	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Delivery time	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Discounts offered	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Minimum quantity requirements	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Packaging	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Payment terms	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Price	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Product consistency	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Product range	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Quality meets industry standards	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Quality exceeds industry standards	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Reliability of supply	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Technical support/service	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
U.S. transportation costs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

- III-25. **Quality characteristics.**--What characteristics does your firm consider when evaluating the quality of R-125?

--

- III-26. **Minimum quality.**--How often does R-125 from the following countries meet minimum quality specifications for your uses or your customers' uses?

Source	Always	Usually	Sometimes	Rarely or never	Don't know
United States	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
China	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

- III-27. **Frequency of decisions based on price.**--How often does your firm purchase the R-125 that is offered at the lowest price?

Always	Usually	Sometimes	Never
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

- III-28. **Price leaders.**--A price leader is defined as (1) one or more firms that initiate a price change, either upward or downward, that is followed by other firms, or (2) one or more firms that have a significant impact on prices. *A price leader is not necessarily the lowest-priced supplier.*

Please list the names of any firms you considered price leaders in the R-125 market since January 1, 2018.

Firm(s)	Describe how the firm(s) exhibited price leadership

III-29. Purchasing subject imports rather than domestic products.--

- (a) Since January 2018, did your firm import and/or purchase imports of R-125 from China instead of purchasing U.S.-produced R-125?

Source	Yes (also respond to parts (b) and (c))	No (If "No," skip to next question)
China	<input type="checkbox"/>	<input type="checkbox"/>

- (b) If you responded "Yes" to part (a), was the imported product priced lower than the domestic product?

Source	Yes	No
China	<input type="checkbox"/>	<input type="checkbox"/>

- (c) If you responded "Yes" to part (a), was price a primary reason for importing and/or purchasing subject imports rather than domestic product?

Source	Yes	If Yes, estimate the quantity of imports purchased and/or imported instead of domestic product since January 2018 (in short tons)	No	If No, please indicate the reason your firm imported and/or purchased imports instead of domestic product
China	<input type="checkbox"/>		<input type="checkbox"/>	

III-30. U.S. producers and import competition.--

- (a) Since January 1, 2018, in connection with a sale or offer to sell R-125 to your firm, did U.S. producers reduce their prices of domestically produced R-125 in order to compete with lower-priced imports of R-125 from the subject countries?

Source	Yes (also respond to question part (b))	No (If "No," skip to next question)	Don't know
China	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

- (b) If your firm responded "yes," please provide an estimate of the reduction in U.S. producers' prices and any additional explanations.

Source	Estimated reduction in U.S. prices (percent)	Additional explanation, including such information as timing (e.g., months/years), frequency of price reductions, or other market/competitive factors
China	%	

- III-31. Impact of section 301 tariffs.--** Did the imposition of tariffs on Chinese-origin R-125 blends under section 301 have an impact on the stand-alone R-125 market in the United States? If so, please describe the impact of those tariffs on stand-alone R-125.

PART IV.--PRODUCT COMPARISONS

IV-1. **Interchangeability**--Is R-125 produced in the United States and in other countries interchangeable (i.e., can they physically be used in the same applications)?

Please indicate A, F, S, N, or O in the table below:

A = the products from a specified country-pair are *always* interchangeable

F = the products are *frequently* interchangeable

S = the products are *sometimes* interchangeable

N = the products are *never* interchangeable

O = *no familiarity* with products from a specified country-pair

Country-pair	China	Other countries
United States		
China		
For any country-pair producing R-125 which is <i>sometimes</i> or <i>never</i> interchangeable, please identify the country-pair and explain the factors that limit or preclude interchangeable use:		

- IV-2. **Factors other than price.**--Are differences other than price (e.g., quality, availability, transportation network, product range, technical support, *etc.*) between R-125 produced in the United States and in other countries a significant factor in your firm's purchases of the products?

Please indicate A, F, S, N, or O in the table below:

A = such differences are *always* significant

F = such differences are *frequently* significant

S = such differences are *sometimes* significant

N = such differences are *never* significant

O = *no familiarity* with products from a specified country-pair

Country-pair	China	Other countries
United States		
China		
<p>For any country-pair for which factors other than price are <i>always</i> or <i>frequently</i> a significant factor in your firm's purchases of R-125, identify the country-pair and report the advantages or disadvantages imparted by such factors:</p>		

IV-3. **Factor country comparisons.**--For the factors listed below, please rate how R-125 produced in each country you identified in your response to the first question in Part IV compares with R-125 produced in each of the other countries you identified.

If you are unfamiliar with the product from a particular country, please leave the boxes for those country comparisons blank.

Factor	Product from <u>United States</u> compared to product from <u>China</u>			Product from <u>United States</u> compared to product from <u>Nonsubject</u> <u>countries</u>			Product from <u>China</u> compared to product from <u>Nonsubject</u> <u>countries</u>		
	Superior	Comparable	Inferior	Superior	Comparable	Inferior	Superior	Comparable	Inferior
Availability	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Delivery terms	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Delivery time	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Discounts offered	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Minimum quantity requirements	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Packaging	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Payment terms	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Price ¹	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Product consistency	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Product range	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Quality meets industry standards	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Quality exceeds industry standards	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Reliability of supply	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Technical support/service	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
U.S. transportation costs ¹	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

¹ A rating of 'superior' on price and U.S. transportation costs indicates that the first country generally has lower prices/U.S. transportation costs than the second country.

PART V.--ALTERNATIVE PRODUCT INFORMATION

Further information on this part of the questionnaire can be obtained from Tyler Martin (202-205-3198, tyler.martin@usitc.gov).

- V-1. **Comparability of standalone R-125 vs. R-125 component in covered blends.**-- For each of the following indicate whether listed R-125 products are: fully comparable or the same, *i.e.*, have no differentiation between them; mostly comparable or similar; somewhat comparable or similar; never or not-at-all comparable or similar; or no familiarity with products.

F: fully comparable or the same, *i.e.*, have no differentiation between them;

M: mostly comparable or similar;

S: somewhat comparable or similar;

N: never or not-at-all comparable or similar; or

O: no familiarity with products.

- (a) **Physical Characteristics and End Uses.**--The differences and similarities in the physical characteristics and end uses.

Product-pair	Comparison	Please provide a narrative discussion for the comparability ratings you provided in terms of their <i>physical characteristics and uses</i> :
Standalone R-125 vs. R-125 component in covered blends		

V-1. **Comparability of standalone R-125 vs. R-125 component in covered blends.**--*Continued*

- F: fully comparable or the same, *i.e.*, have no differentiation between them;
M: mostly comparable or similar;
S: somewhat comparable or similar;
N: never or not-at-all comparable or similar; or
O: no familiarity with products.

(b) **Interchangeability**--The ability to substitute the products in the same application.

Product-pair	Comparison	Please provide a narrative discussion for the comparability ratings you provided in terms of their <u>interchangeability</u> :
Standalone R-125 vs. R-125 component in covered blends		

(c) **Channels of distribution**--Channels of distribution/market situation through which the products are sold (*i.e.*, sold direct to end users, through wholesaler/distributors, etc.).

Product-pair	Comparison	Please provide a narrative discussion for the comparability ratings you provided in terms of their <u>channels of distribution</u> :
R-125 vs. R-125 component in covered blends		

V-1. **Comparability of standalone R-125 vs. R-125 component in covered blends.**--Continued

F: fully comparable or the same, *i.e.*, have no differentiation between them;

M: mostly comparable or similar;

S: somewhat comparable or similar;

N: never or not-at-all comparable or similar; or

O: no familiarity with products.

- (d) **Manufacturing facilities, production processes, and production employees.**--Whether manufactured in the same facilities, from the same inputs, on the same machinery and equipment, and using the same employees.

Product-pair	Comparison	Please provide a narrative discussion for the comparability ratings you provided in terms of their <u>manufacturing facilities, production processes, and production employees</u> :
Standalone R-125 vs. R-125 component in covered blends		

- (e) **Customer and producer perceptions.**--Perceptions as to the differences and/or similarities in the market (*e.g.*, sales/marketing practices).

Product-pair	Comparison	Please provide a narrative discussion for the comparability ratings you provided in terms of their <u>customer and product perceptions</u> :
Standalone R-125 vs. R-125 component in covered blends		

V-1. **Comparability of standalone R-125 components vs. R-125 component in covered blends.**--
Continued

F: fully comparable or the same, *i.e.*, have no differentiation between them;
M: mostly comparable or similar;
S: somewhat comparable or similar;
N: never or not-at-all comparable or similar; or
O: no familiarity with products.

(f) **Price.**--Whether prices are comparable or differ between the products.

Product-pair	Comparison	Please provide a narrative discussion for the comparability ratings you provided in terms of their <u>price</u> :
Standalone R-125 vs. R-125 component in covered blends		

PART VI.—ADDITIONAL INFORMATION

- VI-1. **Other explanations.**--If your firm would like to further explain a response to any question that for which a narrative response box was not provided, please note the question number and the explanation in the space provided below.

--

- VI-2. **OMB statistics.**--Please report the actual number of hours required and the cost to your firm of completing this questionnaire.

Hours	Dollars

The questions in this questionnaire have been reviewed with market participants to ensure that issues of concern are adequately addressed and that data requests are sufficient, meaningful, and as limited as possible. Public reporting burden for this questionnaire is estimated to average 25 hours per response, including the time for reviewing instructions, gathering data, and completing and reviewing the questionnaire.

We welcome comments regarding the accuracy of this burden estimate, suggestions for reducing the burden, and any suggestions for improving this questionnaire. Please attach such comments to your response or send to the Office of Investigations, USITC, 500 E St. SW, Washington, DC 20436.

HOW TO FILE YOUR QUESTIONNAIRE RESPONSE

This questionnaire is available as a “fillable” form in MS Word format on the Commission’s website at: [LINK](#)

Please do not attempt to modify the format or permissions of the questionnaire document. Please submit the completed questionnaire using one of the methods noted below. If your firm is unable to complete the MS Word questionnaire or cannot use one of the electronic methods of submission, please contact the Commission for further instructions.

- **Upload via Secure Drop Box.**—Upload the MS Word questionnaire along with a scanned copy of the signed certification page (page 1) through the Commission’s secure upload facility:

Web address: <https://dropbox.usitc.gov/oinv/> **Pin:** **PENT**

- **E-mail.**—E-mail the MS Word questionnaire to tyler.martin@usitc.gov; include a scanned copy of the signed certification page (page 1). *Submitters are strongly encouraged to encrypt nonpublic documents that are electronically transmitted to the Commission to protect your sensitive information from unauthorized disclosure. The USITC secure drop-box system and the Electronic Document Information System (EDIS) use Federal Information Processing Standards (FIPS) 140-2 cryptographic algorithms to encrypt data in transit. Submitting your nonpublic documents by a means that does not use these encryption algorithms (such as by email) may subject your firm’s nonpublic information to unauthorized disclosure during transmission. If you choose a non-encrypted method of electronic transmission, the Commission warns you that the risk of such possible unauthorized disclosure is assumed by you and not by the Commission.*

If your firm does not purchase this product, please fill out page 1, print, sign, and submit a scanned copy to the Commission.

Parties to this proceeding.—If your firm is a party to this proceeding, it is required to serve a copy of the completed questionnaire on parties to the proceeding that are subject to administrative protective order (see 19 CFR § 207.7). A list of such parties may be obtained from the Commission’s Secretary (202-205-1803). A certificate of service must accompany the completed questionnaire your firm submits (see 19 CFR § 207.7).