

Fluorine China Report 2022-Survey of Fluorine Industry in China

<https://marketpublishers.com/r/F3F172A33EFDEN.html>

Date: January 2024

Pages: 76

Price: US\$ 6,717.00 (Single User License)

ID: F3F172A33EFDEN

Abstracts

Fluorine industry has been one of the fastest developing and most promising chemical industries in China. And China has become one of the largest fluorine production and consumption areas. Fluorite reserves, inorganic fluorides, organic fluorides and fluoride polymers are four important sectors of China's fluorine industry.

At present, the domestic inorganic fluoride industry is developing rapidly, and domestic high-end techniques for inorganic fluoride production are close to the international advanced level. However, many domestic manufacturers still produce low-end inorganic fluoride products. And some of the refined products, such as electronic grade fluoride, still rely on imports.

Fluorohydrocarbon is used in various industries such as refrigerant, foam beater, extinguishant, insecticide, medical and chemical. Among them, the refrigerant industry shares the largest consumption of fluorohydrocarbon. Refrigerants are mainly used in household refrigerators, automobiles, marine and household air conditioners, commercial refrigeration equipment, etc., and they not only can be used in producing new equipment, but also in maintenance. Currently, the replacement progress of refrigerants is being constantly accelerated in China.

PTFE and PVDF are the main fluoride polymers in China. Although China is a large producer of fluoride polymers, at present, China's fluoride polymers are still concentrated in low-end products; high-end product demand depends on imports. With the rapid development of new energy and 5G markets in China, the market application prospects of fluoride polymers are very broad, and the demand for high-end fluoride polymers is expected to rise rapidly in the next few years.

This report is a value analysis of the fluorine Industry in China, which covers the production, price, imports & exports, consumption of fluorite, inorganic fluorides, organic fluorides and fluoride polymer products. Besides, a future forecast on the development trend for these products is also analysed in this report.

This report is based on data collected via diverse sources. The primary sources include interviews with industrial experts, and key players in fluorine Industry production. Various secondary sources include published magazines, journals, government statistics and CCM's database, etc. Data obtained from various sources have been combined and cross-checked to ensure that this report is as accurate and methodologically sound as possible.

Scope of the report

Region scope: China.

Time scope: 2018–2022

On the basis of type: Inorganic fluoride, organic fluorides and fluoride polymer

On the basis of raw material: Fluorite

Contents

Executive summary

Methodology

1 BRIEF INTRODUCTION OF FLUORINE INDUSTRY IN CHINA

2 FLUORITE SUPPLY IN CHINA

2.1 Overview of fluorite reserves in China

2.2 Production situation of fluorite

2.3 Price

2.4 Export and import

2.5 Forecast trends

3 INORGANIC FLUORIDES IN CHINA

3.1 Brief introduction of inorganic fluorides in China

3.2 Anhydrous hydrogen fluoride

3.2.1 Production situation

3.2.2 Price

3.2.3 Import and export

3.2.4 Future trends

3.3 Aluminum fluoride

3.3.1 Production situation

3.3.2 Price

3.3.3 Import and export

3.3.4 Future trends

3.4 Cryolite

3.4.1 Production situation

3.4.2 Price

3.4.3 Import and export

3.4.4 Future trends

3.5 Lithium hexafluorophosphate

3.5.1 Production situation

3.5.2 Price

3.5.3 Import and export

3.5.4 Future trends

3.6 Others

4 ORGANIC FLUORIDES IN CHINA

4.1 Fluorine refrigerants

4.1.1 R22

4.1.2 R134a

4.1.3 R32, R125 and R410a

4.1.4 R1234yf

4.2 Fluoride polymers

4.2.1 PTFE

4.2.2 PVDF

4.2.3 FEP

4.2.4 Fluor rubber

4.2.5 Monomer

List Of Tables

LIST OF TABLES

- Table 2.2-1 Main active fluorite manufacturers in China, 2021–2022
- Table 2.4-1 Imports and exports of fluorite (CaF₂?97%) in China, 2018–2022
- Table 2.4-2 Imports and exports of fluorite (CaF₂?97%) in China, 2018–2022
- Table 3.2.1-1 Main active AHF manufacturers in China, 2021–2022
- Table 3.2.1-2 Capacity and share of main AHF manufacturers in China, 2021–2022
- Table 3.2.1-3 Output and share of main AHF manufacturers in China, 2021–2022
- Table 3.2.3-1 Imports and exports of AHF in China, 2018–2022
- Table 3.2.4-1 List of projects expected to be built up and operate in the near future
- Table 3.3.1-1 Main active aluminum fluoride manufacturers in China, 2021–2022
- Table 3.3.3-1 China's imports and exports of aluminum fluoride (anhydrous), 2018–2022
- Table 3.3.3-2 China's imports and exports of other aluminum fluoride, 2018–2022
- Table 3.4.1-1 Main active manufacturers of cryolite in China, 2021–2022
- Table 3.4.3-1 Imports and exports of cryolite in China, 2018–2022
- Table 3.5.1-1 Main active manufacturers of LiPF₆ in China, 2021–2022
- Table 3.5.1-2 Production and share of top five LiFP6 manufacturers in China, 2021–2022
- Table 3.5.3-1 Imports and exports of LiPF₆ in China, 2018–2022
- Table 3.5.4-1 Capacity expansion of LiPF₆ in China in the near future
- Table 3.6-1 Main active SF₆ manufacturers in China, 2021–2022
- Table 3.6-2 Main active LiFSI manufacturers in China, 2021–2022
- Table 4.1.1.1-1 Active R22 manufacturers in China, 2021–2022
- Table 4.1.1.3-1 Exports of R22 in China, 2018–2022
- Table 4.1.1.4-1 Consumption of R22 in non-ODS field in China, 2018–2022
- Table 4.1.1.4-2 Consumption quota of R22 in ODS field in China, 2018–2022
- Table 4.1.1.4-3 R22 quota allocation for room air conditioner industry, 2022
- Table 4.1.1.4-4 R22 quota allocation for refrigeration and air conditioning in industrial and commercial application, 2022
- Table 4.1.2.1-1 Active R134a manufacturers in China, 2021–2022
- Table 4.1.3.1-1 Main active R32 manufacturers in China, 2021–2022
- Table 4.1.3.1-2 Main active R125 manufacturers in China, 2021–2022
- Table 4.1.3.1-3 Main active R410a manufacturers in China, 2021–2022
- Table 4.1.4-1 Situation of the production of R1234yf in China, 2022
- Table 4.2.1.1-1 Main active manufacturers of PTFE in China, 2021–2022
- Table 4.2.1.1-2 Capacity and share of PTFE manufacturers in China, 2021–2022

Table 4.2.1.1-3 Output and share of PTFE manufacturers in China, 2021–2022

Table 4.2.1.3-1 China's imports and exports of PTFE, 2018–2022

Table 4.2.2.1-1 Main active manufacturers of PVDF in China, 2021–2022

Table 4.2.2.1-2 Production share of top three PVDF manufacturers in China, 2020–2021

Table 4.2.2.3-1 Imports and exports of other kinds of fluoride polymers in China, 2018–2022

Table 4.2.3-1 Active manufacturers of FEP in China, 2021–2022

Table 4.2.4-1 Active manufacturers of fluor rubber in China, 2021–2022

Table 4.2.5.1-1 Main active manufacturers of HFP in China, 2021–2022

Table 4.2.5.2-1 Manufacturers of CTFE in China, 2021–2022

Table 4.2.5.3-1 Manufacturers of VDF in China, 2022

List Of Figures

LIST OF FIGURES

- Figure 2.1-1 Global fluorite reserves, 2018–2022
- Figure 2.1-2 Fluorite reserves in China, 2018–2022
- Figure 2.2-1 Fluorite production in China, 2018–2022
- Figure 2.3-1 Monthly ex-works price of fluorite (CaF_2 ?97%) in China, Jan. 2018–June 2023
- Figure 2.4-1 Import and export volume of fluorite in China, 2018–2022
- Figure 2.4-2 Top ten fluorite import origins to China by volume, 2022
- Figure 2.4-3 Top ten export destinations of fluorite from China by volume, 2022
- Figure 3.2.1-1 Capacity and output of AHF in China, 2018–2022
- Figure 3.2.2-1 Monthly ex-works price of AHF in China, Jan. 2018–June 2023
- Figure 3.2.3-1 Import and export of AHF in China, 2018–2022
- Figure 3.2.3-2 Top import origins of AHF to China by volume, 2022
- Figure 3.2.3-3 Top ten export destinations of AHF from China by volume, 2022
- Figure 3.3.1-1 Capacity and output of aluminum fluoride in China, 2018–2022
- Figure 3.3.2-1 Monthly ex-works price of aluminum fluoride in China, Jan. 2018–June 2023
- Figure 3.3.3-1 China's exports of aluminum fluoride, 2018–2022
- Figure 3.3.3-2 Top ten export destinations of aluminum fluoride from China by volume, 2022
- Figure 3.4.1-1 Capacity and output of cryolite in China, 2018–2022
- Figure 3.4.2-1 Monthly ex-works price of cryolite in China, Jan. 2018–June 2023
- Figure 3.4.3-1 Imports and exports of cryolite in China, 2018–2022
- Figure 3.4.3-2 Top five import origins of cryolite in China by volume, 2022
- Figure 3.4.3-3 Top ten export destinations of cryolite from China by volume, 2022
- Figure 3.5.1-1 Capacity and output of LiPF_6 in China, 2018–2022
- Figure 3.5.2-1 Monthly ex-works price of LiPF_6 in China, Jan. 2018–June 2023
- Figure 3.5.3-1 Import and export of LiPF_6 in China, 2018–2022
- Figure 3.5.3-2 Top five export destinations of LiPF_6 from China by volume, 2022
- Figure 3.6-1 Capacity and output of SF_6 in China, 2020–2022
- Figure 4.1.1.1-1 Capacity and output of R22 in China, 2018–2022
- Figure 4.1.1.1-2 Production quota of R22 in China, 2018–2022
- Figure 4.1.1.2-1 Ex-works price of R22 in China, Jan. 2018–June 2023
- Figure 4.1.1.3-1 Export volume of R22 in China, 2018–2022
- Figure 4.1.1.3-2 Top ten export destinations of R22 from China by volume, 2022
- Figure 4.1.1.4-1 Apparent consumption of R22 in China, 2018–2022

- Figure 4.1.2.1-1 Capacity and output of R134a in China, 2018–2022
- Figure 4.1.2.2-1 Ex-works price of R134a in China, Jan. 2018–June 2023
- Figure 4.1.3.1-1 Capacity and output of R32 in China, 2018–2022
- Figure 4.1.3.1-2 Capacity and output of R125 in China, 2018–2022
- Figure 4.1.3.1-3 Capacity and output of R410a in China, 2018–2022
- Figure 4.1.3.2-1 Ex-works price of R32, R125 and R410a in China, Jan. 2018–June 2023
- Figure 4.2.1.1-1 Capacity and output of PTFE in China, 2018–2022
- Figure 4.2.1.2-1 Ex-works price of PTFE in China, Jan. 2018–June 2023
- Figure 4.2.1.3-1 China's imports and exports of PTFE, 2018–2022
- Figure 4.2.1.3-2 Top ten export destinations of PTFE from China by volume, 2022
- Figure 4.2.1.3-3 Top ten import origins of PTFE in China by volume, 2022
- Figure 4.2.2.1-1 Capacity and output of PVDF in China, 2018–2022
- Figure 4.2.2.2-1 Ex-works price of PVDF in China, Jan. 2018–June 2023
- Figure 4.2.2.3-1 Imports and exports of other kinds of fluoride polymers in China, 2018–2022
- Figure 4.2.2.3-2 Top ten import origins of other kinds of fluoride polymers in China by volume,

2022

- Figure 4.2.2.3-3 Top ten export destinations of other kinds of fluoride polymers from China by volume, 2022
- Figure 4.2.3-1 Capacity and output of FEP in China, 2018–2022
- Figure 4.2.4-1 Capacity and output of fluor rubber in China, 2018–2022
- Figure 4.2.5.1-1 Capacity and output of HFP in China, 2018–2022
- Figure 4.2.5.1-2 Ex-works price of HFP in China, Jan. 2018–June 2023
- Figure 4.2.5.2-1 Capacity and output of CTFE in China, 2020–2022

I would like to order

Product name: Fluorine China Report 2022-Survey of Fluorine Industry in China

Product link: <https://marketpublishers.com/r/F3F172A33EFDEN.html>

Price: US\$ 6,717.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/F3F172A33EFDEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970