

Note: Key data/information in this sample page is hidden, while in the report it is not.

## 1 Inorganic-fluoride

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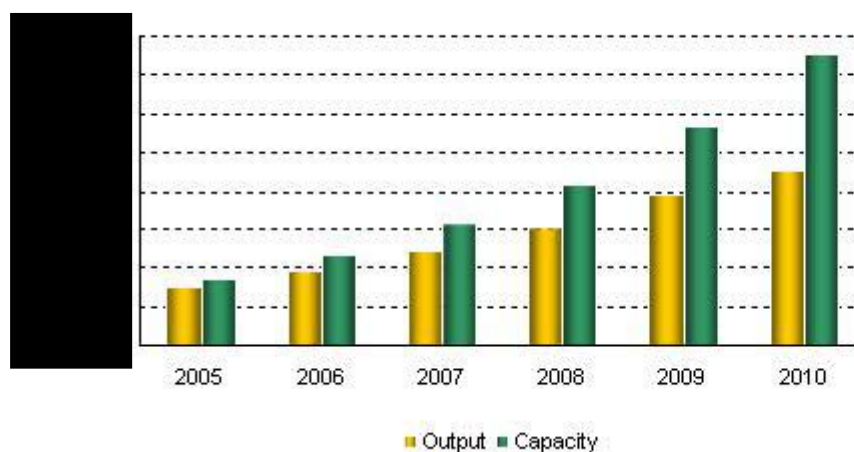
### 1.1 Hydrogen fluoride

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Domestic hydrogen fluoride developed rapidly in recent years, and the consumption growth of hydrogen fluoride mainly depends on increasing demand of organic fluoride products. In 2010, the biggest application market of hydrogen fluoride is fluoride hydrocarbon industry in China, accounting for about xxx% of the total consumption of hydrogen fluoride. And the second consumption area, aluminum industry, accounts for about xxx%. The rest is used to produce inorganic fluoride salt, metal pickling, military industry, civilian special products, etc. According to the National Bureau of Statistics, the demand volume for hydrofluoric acid is expected to grow at an annual average rate of xxx% in the next few years in China.

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Figure 1.1-1 Capacity and output of hydrogen fluoride in China 2005-2010



Source: CCM International

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### 1.5 Aluminum fluoride and cryolite

As cosolvents, aluminum fluoride and cryolite are the major raw materials for the electrolytic aluminium industry, and about xxx% of aluminum fluoride are used in this area. In addition, the aluminum fluoride is also used as wear-resistant filler for rubber and wheel and as opalizer for

enamel.

China is the biggest aluminum fluoride and cryolite producer in the world. Hunan Nonferrous Fluoride Chemical Co., Ltd. and Do-Fluoride Chemicals Co., Ltd. are the biggest aluminum fluoride and cryolite manufacturers in China, and their total capacities of aluminum fluoride and cryolite are both not less than xxxt/a in 2010.

Table 1.5-1 Main producers of aluminum fluoride and cryolite in China, 2010

No.	Name	Cryolite capacity, t/a	Aluminum fluoride capacity, t/a
1	Hunan Nonferrous Fluoride Chemical Co., Ltd.	xxx	xxx
2	xxx	xxx	xxx
3	xxx	xxx	xxx
4	xxx	40,000	xxx
5	xxx	xxx	xxx
6	xxx	xxx	25,000

Source: CCM International

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