

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

1 Consumption situation

1.1 Resin

1.1.1 Curing agent T31

Curing agent T31 is a product family and its raw materials include phenolic, aldehyde and amine, with the production history of more than XX years in China. Curing agent T31 is an ideal epoxy curing agent at the room temperature with the largest consumption among all the curing products currently.

With the low molecular weight and viscosity as well as good compatibility with epoxy resin, curing agent T31 has been applied widely in preservative treatment of equipment and pipelines, paint, FRP and construction industries.

Ethylenediamine has been used widely in the production of curing agent T31. In 2010, the total consumption volume of ethylenediamine in the production of curing agent T31 has been estimated to reach XX tonnes in China, with the market value of more than USDXX million.

There are more than XX manufacturers of curing agent T31 with the raw material of ethylenediamine and most of them are the small ones. Among these manufacturers, the capacity and output of curing agent T31 concentrate in the top 10 ones and their total ethylenediamine consumption has reached XX tonnes in 2010, accounting for XX of the total consumption volume in China.

Table 1.1.1-1 Ethylenediamine consumption of main curing agent T31 manufacturers, 2010

| No. | End User | Consumption volume, tonne |
|--------------|-----------------------------|---------------------------|
| 1 | BASF(China) Company Limited | ██████████ |
| 2 | ██████████ | ██████████ |
| 3 | ██████████ | ██████████ |
| 4 | ██████████ | ██████████ |
| 5 | ██████████ | ██████████ |
| 6 | ██████████ | ██████████ |
| 7 | ██████████ | ██████████ |
| 8 | ██████████ | ██████████ |
| 9 | ██████████ | ██████████ |
| 10 | ██████████ | ██████████ |
| 11 | ██████████ | ██████████ |
| 12 | ██████████ | ██████████ |
| 13 | ██████████ | ██████████ |
| 14 | ██████████ | ██████████ |
| 15 | ██████████ | ██████████ |
| 16 | ██████████ | ██████████ |
| 17 | ██████████ | ██████████ |
| 18 | ██████████ | ██████████ |
| 19 | ██████████ | ██████████ |
| 20 | ██████████ | ██████████ |
| 21 | ██████████ | ██████████ |
| 22 | ██████████ | ██████████ |
| 23 | ██████████ | ██████████ |
| 24 | ██████████ | 800 |
| Total | - | ██████████ |

Source: CCM International