

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

## 1 Production and market information

### 1.2 Current production situation of pentaerythritol in China

#### 1.2.1 Product types of pentaerythritol in China

Table 1.2.3-1 Summary of monopentaerythritol capacity in China, 2010-2012, t/a

No.	Company	Low-grade			Middle-grade			High-grade			Total		
		2010	2011	2012	2010	2011	2012	2010	2011	2012	2010	2011	2012
1	Hubei Yihua	■	■	■	■	■	■	■	■	■	■	■	■
2	■	■	■	■	■	■	■	■	■	■	■	■	■
3	■	■	■	■	■	■	■	■	■	■	■	■	■
4	■	■	■	■	■	■	■	■	■	■	■	■	■
9	■	■	■	■	■	■	■	■	■	■	■	■	■
10	■	■	■	■	■	■	■	■	■	■	■	■	■
11	■	■	■	■	■	■	■	■	■	■	10,000	■	■
12	■	■	■	■	■	■	■	■	■	■	■	■	■
...	.....	...	...	...	...	...	...	...	...	...	...	...	...
	<b>Total</b>	■	■	■	■	■	■	■	■	■	■	■	■

Source: CCM International

Table 1.2.3-2 Production of dipentaerythritol producers in China, 2011-2012

No.	Producers	Capacity '12, t/a	Output '11, t
1	■	■	■
2	Hubei Yihua	■	■
3	■	■	■
4	■	■	■
...	...	...	...
	<b>Total</b>	■	■

Source: CCM International

Table 1.2.3.1-1 Operating rate of pentaerythritol producers in China, 2010-2011

No.	Company	Operating rate	
		2010	2011
1	■	■	■
2	■	■	■
3	■	■	■
4	Hebei Yongan	■	■
...	.....	...	...
	<b>Total</b>	■	■

Source: CCM International

## 2 Introduction to production technology of pentaerythritol in China

### 2.1 Brief introduction and comparison of different production pathways/methods

Table 2.1-1 Monopentaerythritol technology source of Chinese manufacturers, 2012

No.	Abbr.	Capacity '12, t/a	Technical pathway	Technical source
1	Hubei Yihua	█	█	█
2	█	█	Sodium pathway (Low temp)	█
3	█	█	█	█
4	█	20,000	█	█
5	█	█	█	█
6	█	█	█	█
7	█	█	Sodium pathway (High temp)	█
8	█	█	█	█
...	.....	...	.....	.....

Source: CCM International

## 4 Import and export analysis

### 4.2 Import and export of pentaerythritol-2011

#### 4.2.2 Analysis on export situation

Table 4.2.2-1 Export volume, value, and price of pentaerythritol in China, 1995-2012

Years	Volume, t	Value, USD	Price, USD/t
1995	█	█	1,774
1996	427	█	█
1997	█	█	█
1998	█	█	█
1999	█	█	█
2000	█	█	█
2001	█	█	█
2002	█	█	█
2003	█	█	█
2004	█	█	█
2005	█	█	█
2006	█	█	█
2007	█	█	█
2008	█	█	█
2009	█	█	█
2010	█	█	█
2011	█	█	█
Jan-Apr 2012	█	█	█

Source: China Customs

## 5 Consumption

### 5.2 Market size in major end use segments

Table 5.2-1 Consumption structure of pentaerythritol in China, 2009-2011

End use	2009		2010		2011	
	Consumption, t	Share	Consumption, t	Share	Consumption, t	Share
Alkyd resin						
...	.....	...	.....	...	.....	...
Others						
<b>Total</b>		<b>100%</b>				

Source: CCM International

Table 5.2-2 Consumption structure of dipentaerythritol in China, 2010-2011

Years	2010		2011	
	Consumption, t	share	Consumption, t	share
....	...	...	...	...
Others				
<b>Total</b>				

Source: CCM International

### 5.3 Brief introduction to each major end use segment

#### 5.3.1 Alkyd resin

Table 5.3.1-1 List of major end users of pentaerythritol in alkyd resin, 2012

Company	Products	Demand of pentaerythritol, t/a	Supplier
Jiangsu Sanmu Group	Alkyd resin		
	Alkyd resin		
	Alkyd resin		
	Alkyd resin		
	Alkyd resin		
	Alkyd resin		
	Alkyd resin		
.....	...	...	...

Source: CCM International