

- PVP production

After several years' fast development, China has become one of the most important Polyvinyl Pyrrolidone (PVP) producers in the world. Current PVP capacity in China exceeds demand greatly, resulting in intense competition. Actual PVP output was █████ tonnes in 2009, over four times of the output in 2004, which was █████ tonnes.

As of Jul. 2010, there are █████ active and █████ idle PVP producers with total capacity of █████ t/a in China.

The top 5 producers produced totally █████ tonnes of PVP in 2009, taking up █████% of China's total output. Henan NKY and Zhejiang Nanhong are the top two PVP players in China with output of █████ tonnes and 1,680 tonnes, constituting █████% and █████% respectively of national total in 2009.

PVP production is mainly concentrated in Henan and Zhejiang, with total output accounting for █████% of China's total in 2009.

- Technology

NVP production by acetylene method is the dominative technology in China. Seven of the █████ producers adopt this route for PVP production with output accounting for about █████% of China's total in 2009. Non-acetylene route is about to be eliminated in the future.

- Raw materials

Supply of GBL and acetylith is sufficient, but price fluctuation of these two raw materials affects PVP industry greatly. MEA supply is not sufficient, so producers adopting non-acetylene route may need to purchase MEA from overseas market, which leads to increase in production cost.

- PVP Import & Export

PVP's import volume reduced slightly to █████ tonnes, while its export volume increased rapidly to █████ tonnes in 2009. Imported PVP still took up about █████% market share of China's total consumption that year.

- PVP consumption

PVP is mainly used in pharmaceutical, daily chemicals, office supplies, and other downstream industries. PVP consumption has been growing fast in the past few years, which reached █████ tonnes in 2009, up █████% over 2008.

Pharmaceutical industry and daily chemical industry are the two largest downstream industries of PVP, consuming █████% and █████% of total PVP in China respectively in 2009. Office

supplies are the third largest application field of PVP, which consumed about 26.31% of China's total PVP in 2009.

I-3 PVP producers in China

Table I-3-1 Summary of China's PVP producer (active and idle), 2010

No.	Producer	Abbreviation	Location	Launch time	Status' 10	Capacity '10, t/a	Output '09, t
1	[REDACTED]	Henan NKY	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
2	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
3	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
4	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
5	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
6	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
7	[REDACTED]	[REDACTED]	[REDACTED]	2008	[REDACTED]	[REDACTED]	[REDACTED]
8	CNSG Anhui Hong Sifang Co., Ltd.	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
9	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
10	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	100	[REDACTED]
11	[REDACTED]	[REDACTED]	Zhejiang	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
12	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	Idle	[REDACTED]	[REDACTED]
13	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	50
Total						[REDACTED]	[REDACTED]

Source: CCM International