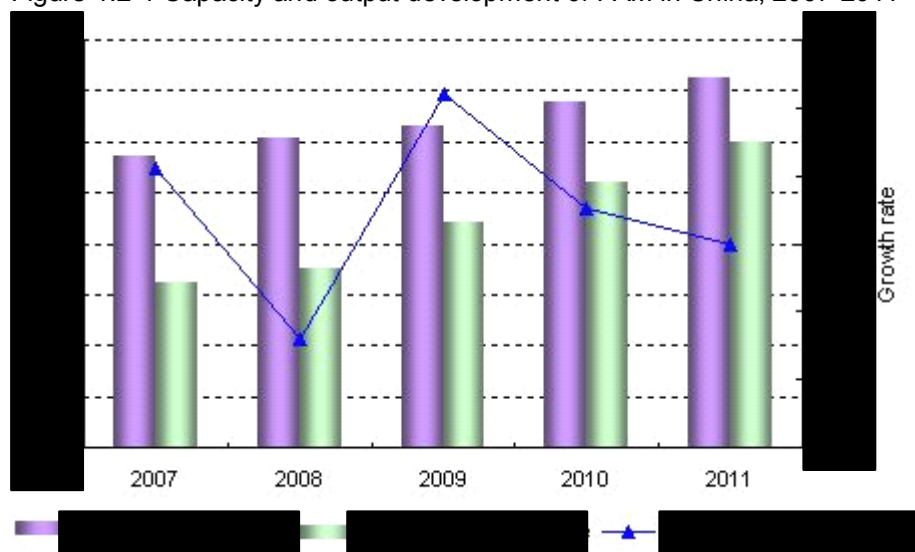


Note: Key data/information in this page is hidden, while in the report is not.

1.2 Production Situation of PAM

From 2007 to now, the capacity and output of PAM industry in China develop quickly. As of March 2012, PAM's capacity has increased from about XXXXt/a in 2007 to about XXXXt/a, while the output has risen from about XXXX tonnes in 2007 to about XXXX tonnes in China in 2011, with a CAGR of about XXXX.

Figure 1.2-1 Capacity and output development of PAM in China, 2007-2011



Source: CCM International

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From 2010 to now, more newly launched production lines for PAM have appeared. For example, Jiangsu Feymer Technology Co., Ltd. has launched its new production lines since Dec. 2011, with PAM's capacity of XXXXt/a....

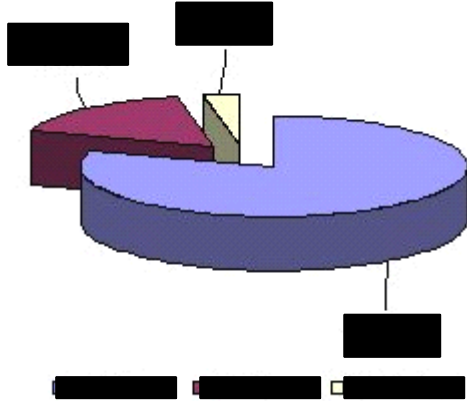
Table 1.2-1 Potential capacity of PAM in China, 2012

No.	Project	Company	Location	New capacity, t/a	Status	Estimated launch time
1	XXXX	SNF China	Jiangsu	XXXX	Under construction	XXXX
2	50,000t/a PAM expansion plan	XXXXX	XXXX	XXXX	XXXX	XXXX
3	XXXX	XXXX	Tianjin	XXXX	XXXX	In 2013
4	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX
5	XXXX	XXXX	Jiangsu	60,000	Under construction	XXXX

Source: CCM International

Although APAM still plays a leading role in PAM industry in China at present, CPAM has been developing fast in China these years. Up to 2011, CPAM's output has increased to about XXXX tonnes from about XXXX tonnes in 2007, with a CAGR of more than XXXX.

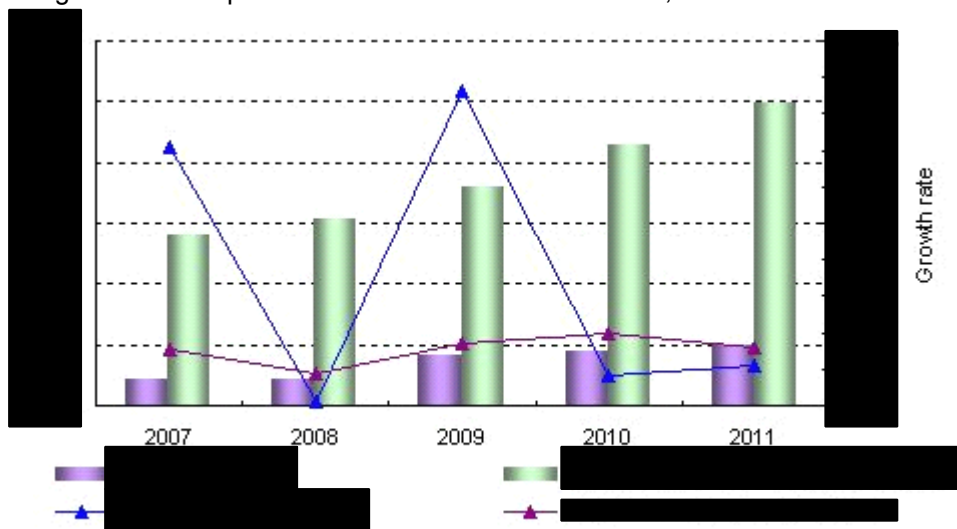
Figure 1.2-2 Shares of PAM types by output in China, 2011



Source: CCM International

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Figure 1.2-3 Output of CPAM and other PAM in China, 2007-2011



Source: CCM International

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1.3 Key producers of PAM

Table 1.3-1 Key producers of PAM in China, March 2012

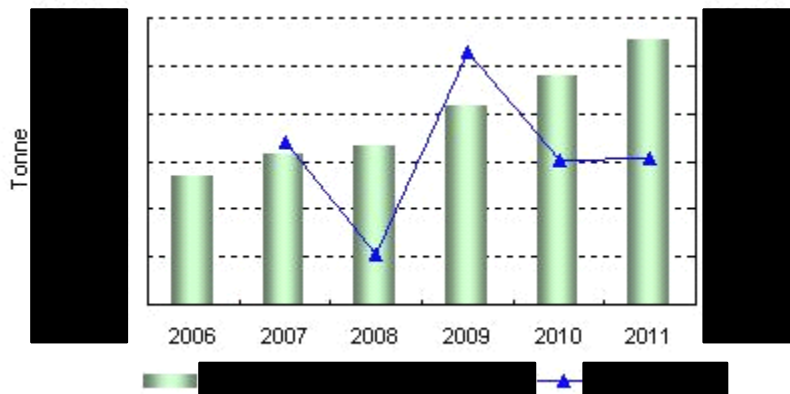
No.	English name	Abbreviation	Location	Ownership	Application field	PAM capacity' March 12, t/a					PAM output' 11, tonne				
						Total	APAM	CPAM	NPAM	AmPAM	Total	APAM	CPAM	NPAM	AmPAM
1	XXXX	XXXX	XXXX	XXXX	XXXX	170,000	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX
	SNF China														
2	Flocculants Co., Ltd.	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX			XXXX	XXXX	XXXX	XXXX	XXXX
3	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	60,000	XXXX	10,000	XXXX	XXXX	XXXX	25,000	10,000	XXXX
4	XXXX	Anhui Tianrun	Anhui	Joint venture	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX
														
13	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX
14	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	3,000	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX
15	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	10,000	XXXX	XXXX	XXXX

Note: Some producers produce different kinds of PAM in the same production lines.

Source: CCM International

3.1 Consumption situation of PAM in China

Figure 3.1-1 Total consumption volume of PAM in China, 2006-2011



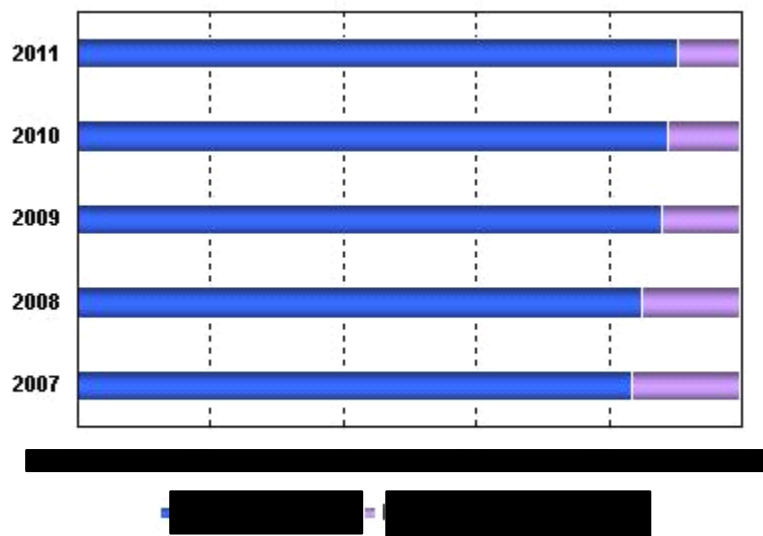
Source: CCM International

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As for April 2012, the consumption of PAM mainly goes to APAM and CPAM in China. In 2011, the total consumption volume of PAM was XXXX tonnes, with a XXXX CAGR from 2006 to 2011. Among the consumption volume, APAM accounts for the largest share, with XXXX tonnes in 2011. The great demand for APAM is mainly due to the large-scale implementation of Enhanced Oil Recovery (EOR) in recent years.

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Figure 3.4.2-2 Consumption pattern of PAM in water treatment industry in China, 2007-2011



Source: CCM International