

III Consumption Situation of Acetylene

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Table III.1 Consumption structure of acetylene in 2005

End use sector	Consumption volume of acetylene (10KMTs)	Consumption share of acetylene
█	█	█
█	█	█
██████████	█	█
██████████	█	█
██████	█	█
Others	█	█
Total	█	█

III-1 Consumption Situation of Acetylene in PVC Industry

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Table III-1.1 Situation of PVC in China, 2000-2005 (MTs)

Year	Output	Import	Export	Apparent consumption
2000	██████████	██████████	██████████	██████████
2001	██████████	██████████	██████████	██████████
2002	██████████	██████████	██████████	██████████
2003	██████████	██████████	██████████	██████████
2004	██████████	██████████	██████████	██████████
2005	██████	██████	██████	██████

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Table III-1.2 Process structure of PVC in China

Route	Calcium carbide route	Ethylene route	Imported VCM or EDC route	Total
Volume of PVC/MTs	██████	██████	██████	██████
Proportion	██	██	██	██

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III-2 Consumption Situation of Acetylene in PVA Industry

Polyvinyl alcohol (PVA) is a kind of water-soluble high polymer with properties between plastic and rubber. It can be used to produce vinylon, adhesive, coating and many other fine chemical products. At present, there are █ PVA factories in China with the total capacity of █ per year.

Table III-2.1 Technology structure of PVA in 2005

Route	Natural gas acetylene route	Petroleum ethylene route	Calcium carbide acetylene route	Total
Capacity (MTs/year)	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Capacity share	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Number of factory	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Name of factory	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

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III-4 List of Major Acetylene End Users

Actually all major acetylene end users listed in the following table are also major acetylene producers.

Table III-4.1 Major Acetylene End Users in China

Manufacturer	Location	Consumption volume of acetylene in 2004 (MTs)	Main product consuming acetylene
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

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