

Vinyl Acetate Monomer (VAM) Plant for Sale

Design Capacity

300,000 tons / year

Raw Materials

Acetic acid
Ethylene
Oxygen

Major Equipment

- Reaction vessel
- Reactor cyclone system
- Catalyst transfer vessel
- Distillation column
- Centrifugal compressor
- Decanter
- Thermosyphon reboiler
- Packed column



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Brief Plant Description

Using advanced acetoxylation process, this Vinyl Acetate Monomer (VAM) Plant reacts together ethylene, acetic acid and oxygen in a fluidised bed reactor (silica catalyst with precious metal actives) to produce VAM, the major by-product is carbon dioxide. Gaseous VAM is scrubbed from the reactor loop using acetic acid. The VAM is then separated from the acetic acid and other minor impurities in a multi-column distillation train. Carbon dioxide is removed from the process.

Contact Us for More Details