

Methyl Methacrylate Manufacturing Industry

Description:

Methyl Methacrylate Manufacturing Industry. Manufacture of MMA

The global MMA demand is forecast to grow at a CAGR of 3.5% to 4.0% in the long-term forecast till 2025.

Methyl methacrylate (MMA) is an important acid ester, which is a colorless monomer compound. The most important use of MMA is in the manufacture of poly-methyl methacrylate (PMMA). PMMA is a transparent thermoplastic used as a shatter-resistant option to glass. Due to its excellent tensile strength, flexural strength, transparency, polishing, UV tolerance, and scratch resistance properties, PMMA is used in the form of sheets to produce mobile phone screens, LCD screens, and monitors. It is used as a bone cement.

Uses:

- Methyl methacrylate is used in the manufacture of methacrylate resins and plastics (e.g., Plexiglas).
- The principal uses of methyl methacrylate are: cast sheet and other grades (advertising signs and displays, lighting fixtures, glazing and skylights, building panels and sidings, and plumbing and bathroom fixtures), molding/extrusion powder, and coatings (latex paints, lacquer, and enamel resins).
- Methyl methacrylate is used in the impregnation of concrete to make it water-repellent, and also has uses in the fields of medicine and dentistry to make prosthetic devices and as a ceramic filler or cement.

For more details download PDF file.

Keywords: #Methyl_Methacrylate_(MMA)_Production_and_Manufacturing_Process, #Methyl_Methacrylate_(MMA)_Production, #Methyl_Methacrylate, #Production_of_Methyl_Methacrylate, #Methyl_Methacrylate_(MMA)_Manufacturing_Process, Methyl Methacrylate Process Flow Diagram, Manufacturing of Methyl Methacrylate, Methyl Methacrylate Production Process, Manufacture of Methyl Methacrylate, Methyl Methacrylates (MMA), #MMA_Industry, Methyl Methacrylate (MMA) Industry, Methyl Methacrylate Manufacturing Plant, Manufacturin

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