

Manufacturing, Processing and Application of Polymers (Fabricating and Processing Molding, Modified Natural Products, Synthetic Condensation Products, Synthetic Addition Products, Powder Technology for Coating of Plastics, Acrylic and Polyurethane Dispers

Description:

Polymers are the most rapidly growing sector of the materials industry. No wonder polymers are found in everything from compact discs to high tech aerospace applications. The Indian plastic and polymer industry has taken great strides. In the last few decades, the industry has grown to the status of a leading sector in the country with a sizable base. The material is gaining notable importance in different spheres of activity and the per capita consumption is increasing at a fast pace. Continuous advancements and developments in polymer technology, processing machineries, expertise and cost effective manufacturing is fast replacing the typical materials in different segments with plastics. Monomers and polymers are of little or no practical use until the raw product from the manufacturing process been transformed by more or less standardized fabrication and processing techniques into useful forms. There are different methods of processing of polymers for solid; molding, extrusion, calendaring, sheet forming, laminating and impregnating and for liquids and melts; coating, expanding or foaming, casting, spinning, laminating and impregnating.

For more details download PDF file

Keywords: Manufacturing of Polymers, Processing of Polymers, Application of Polymers, Fabricating and Processing Molding, Modified Natural Products, Synthetic Condensation Products, Synthetic Addition Products, Powder Technology for Coating of Plastics, Acrylic and Polyurethane Dispersions in Industrial Coatings for Plastics, extrusion, calendaring, sheet forming, laminating, impregnating, liquids melts, coating, expanding, foaming, casting, spinning, laminating and impregnating

Created At: 17 Aug, 2016