

Book on Phenolic Resins Manufacturing Industry

Description:

Book on Phenolic Resins Manufacturing Industry. Phenolic Resins Technology Handbook. Production of Phenol-Formaldehyde Resins

Global Phenolic Resin Market is expected to reach an estimated \$15.0 Billion by 2022

Phenolic resins or phenol-formaldehyde resins are the synthetic polymers obtained by the polymerization of phenol and formaldehyde. Phenolic resins possess good physical and chemical properties such as high mechanical strength, low toxicity, good heat resistance, low smoke formation and high thermal stability. Due to such high properties, phenolic resins find their applications in myriad industrial products. From molded products such as billiard balls to coatings and adhesives, phenolic resins are used for different applications across various industries such as automotive, electrical & electronics, construction etc. Besides, by mixing phenolic resins with other polymer, they can also be used in applications like corrosion coating, adhesive, etc.

Phenolic resins are employed in a variety of applications such as wood-adhesives, laminates, molding compounds, rubber, and insulation among others. Owing to the favorable physical and chemical properties, phenolic resins have found application in niche segments such as mass-transit, and off-shore oil drilling, which requires materials with high heat resistance.

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Keywords: #Phenolic_Resin_Manufacturing, #Production_of_Phenolic_Resins, #Phenolic_Resin_Manufacturing_Process, #Phenol_Formaldehyde_Resins_(PF)_or_Phenolic_Resins, Manufacture of Phenol Formaldehyde, #Commercial_Production_of_Phenolic_Resins, Phenol-Formaldehyde Resin Manufacture, #Phenol_Formaldehyde_Resin, Process for Preparation of Phenol Formaldehyde Resins, Phenol Formaldehyde Resin PPT, Phenol Formaldehyde Resin Preparation, Production and Applications of Phenolic Resins, Phenolic Resin Manufacture

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