

Phenolic Resin for Moulding Plastic

Name: Phenolic Resin for Molding Plastic

Product Introduction:

The resin is derived from thermosetting phenolic resin ethanol solution, with the amine catalyst engaged in.

Product Specification:

Property	Specification
Appearance	Claybank thick liquid
Viscosity (mPa·s, <)	500
Solid Content (% , >)	60
Free Phenol (% , <)	10
Time for Gelatinizing (s, 150°C, adding 10% hexamethylene tetramine)	150~200

Product Performance:

Performance of cotton fiber molding plastic and cotton fabric molding plastic prepared with this product

Testing material	Tensile Strength	Flexural strength	Impulse strength	Compressive strength	Surface resistivity	Specific volume resistance	Dielectric strength	heatproof
Unit	MPa	MPa	KJ/m ²	MPa	Ω	Ω·cm	KV/mm	°C
Cotton fiber molding plastic	164	179	93.1	163	6.2×10 ¹⁰	4.1×10 ¹⁰	13.9	144
Cotton fabric molding plastic	154	196	36.4	308	5.0×10 ¹¹	2.9×10 ¹¹	19.9	145

Application:

Due to the fact that this phenolic resin doesn't content metal ion and is modified with special toughness increasing technique, phenolic plastic prepared with this resin has good mechanic properties and insulating properties. It can be widely used in machine making, electronic making and other industries.



www.woresin.com
www.wealthocean.com

Package and Storage:

25kg/can. Product should avoid directly sunshine and should be kept in the clean and ventilate room in the case of room temperature. It can be kept for 6 months.