Mandana Polymer Industrial Group

Manufacturer of Liquid waterproofing membrane Epoxy Adhesive, Epoxy Flooring part making epoxy & Polymer Detergent

part making epoxy EP701

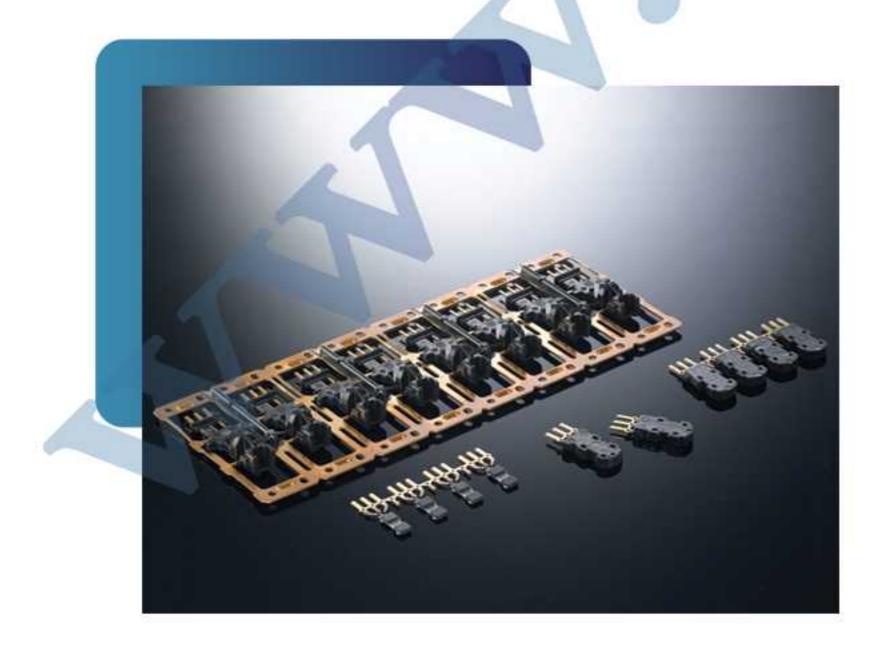


epoxy is employed for creating parts, casting, and modelling industrial components and delicate models. EP701 Its optimal concentration and permeability enable this product to make parts and copy complex parts in one step without affecting the physical structure of the obtained parts. The polymer structure of the product remains fixed and stable after the reaction and does not undergo any volume or weight changes

Description

Features, Applications and Consumers

Application	Consumers	
 Encapsulate printed circuit assemblies and 	 Automotive industry 	
coating insulating metal surfaces	 Marine industries 	
 Provides protective insulation 	 Aerospace and aviation 	
Once cured, it enhances reliability, widens	 Industrial control equipment 	
operational range, and extends the lifespan	 Water pumps 	
of electrical components	 Communication equipment 	
●Conceals and limits access to proprietary		
design features		
Shields sensitive electronic circuits from dust,		
moisture, and chemicals		
	 Encapsulate printed circuit assemblies and coating insulating metal surfaces Provides protective insulation Once cured, it enhances reliability, widens operational range, and extends the lifespan of electrical components Conceals and limits access to proprietary design features Shields sensitive electronic circuits from dust, 	







Physical and functional characteristics

Curing time (25-30°C)	Pot life	Touch cure	Full cure
	50min	8hours	48hours

Environmental implementation conditions

Environmental implementation conditions							
Humidity 80% (max)	Temperature Before (25-30°C)		Before	implementation	n, apply EP770 primer.		
Optimal operating temperature range -30 to 140°C		40°C					
Tools	Tools						
Package		1, 5, and 10kg					
Density (g/cm³) ASTM D792-00		1.25 ± 0.03					
Hardship (solid content) Shore D		60-80					
Non-volatile substances		99%					
Available shapes and colors		Soft and (10-30%		Black colour			

Maintenance

- Store in a dry area away from direct sunlight, water, and rain
- Avoid storing the material at temperatures below 15°C
- The primary packaging ensures a storage period of over2years at temperatures ranging from 15
 to30degrees Celsius
- Extended storage of resin at or near freezing temperatures may result in crystallization. To revert the material to its original state if crystallization occurs, briefly heat it to 50-60 °C

Safety considerations

EP701black epoxy is non-toxic, but it's advisable to wear gloves, safety glasses, and work clothes during application. While not considered hazardous to health or the environment, in case of skin or eye contact, rinse with water

Fax: