

Thermoset Plastics 281

Epoxy; Epoxide

Thermoset, Lord Chemical Products

Message:

Thermoset Plastics 281 is an Epoxy; Epoxide (Epoxy) material. It is available in North America for laminating. Primary attribute of Thermoset Plastics 281: Heat Resistant.
Typical application of Thermoset Plastics 281: Coating Applications

General Information			
Features	Good Thermal Stability		
Uses	Laminates		
Appearance	Grey		
Forms	Pellets		
Processing Method	Laminating		
Physical	Nominal Value	Unit	Test Method
Apparent Density	1.27	g/cm³	ASTM D1895
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	90		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	186	MPa	ASTM D638
Flexural Strength (Yield)	242	MPa	ASTM D790
Compressive Strength	290	MPa	ASTM D695
Thermoset	Nominal Value	Unit	Test Method
Thermoset Components			
	Mix Ratio by Volume: 1.0		
Hardener	Mix Ratio by Weight: 15		
	Mix Ratio by Weight: 100		
Resin	Mix Ratio by Volume: 5.4		
Thermoset Mix Viscosity (25°C)	1800	cP	ASTM D2393
Demold Time			
25°C	960	min	
121°C	120	min	

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