

Thermoset Plastics DC-441

Epoxy; Epoxide

Thermoset, Lord Chemical Products

Message:

Thermoset Plastics DC-441 is an Epoxy; Epoxide (Epoxy) material filled with aluminum. It is available in North America for casting. Primary attribute of Thermoset Plastics DC-441: Heat Resistant.

General Information			
Filler / Reinforcement	Aluminum		
Features	Good Thermal Stability		
Forms	Pellets		
Processing Method	Casting		
Physical	Nominal Value	Unit	Test Method
Apparent Density	1.69	g/cm ³	ASTM D1895
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	90		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	47.2	MPa	ASTM D638
Flexural Strength (Yield)	92.4	MPa	ASTM D790
Compressive Strength	228	MPa	ASTM D695
Thermoset	Nominal Value	Unit	Test Method
Thermoset Components			
	Mix Ratio by Volume: 1.0		
Hardener	Mix Ratio by Weight: 8.0		
	Mix Ratio by Weight: 100		
Resin	Mix Ratio by Volume: 7.5		
Thermoset Mix Viscosity (25°C)	8000	cP	ASTM D2393
Demold Time			
25°C	960 to 1400	min	
121°C	120	min	

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Recommended distributors for this material

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