

Thermoset Plastics EL-636

Epoxy; Epoxide

Thermoset, Lord Chemical Products

Message:

Thermoset Plastics EL-636 is an Epoxy; Epoxide (Epoxy) material. It is available in North America for casting. Primary attribute of Thermoset Plastics EL-636: Heat Resistant.

General Information			
Features	Good Thermal Stability		
Forms	Pellets		
Processing Method	Casting		
Physical	Nominal Value	Unit	Test Method
Apparent Density	1.61	g/cm ³	ASTM D1895
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	96		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	42.7	MPa	ASTM D638
Flexural Strength (Yield)	85.8	MPa	ASTM D790
Compressive Strength	236	MPa	ASTM D695
Thermoset	Nominal Value	Unit	Test Method
Thermoset Components			
Hardener	Mix Ratio by Weight: 1.0		
Resin	Mix Ratio by Weight: 100		
Thermoset Mix Viscosity (25°C)	60000	cP	ASTM D2393
Demold Time			
50°C	720 to 960	min	
93°C	120	min	
149°C	120	min	

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Recommended distributors for this material

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