

# Thermoset Plastics DC-170

Epoxy; Epoxide

Thermoset, Lord Chemical Products

## Message:

Thermoset Plastics DC-170 is an Epoxy; Epoxide (Epoxy) material filled with aluminum. It is available in North America for coating. Primary attribute of Thermoset Plastics DC-170: Impact Resistant.  
Typical application of Thermoset Plastics DC-170: Coating Applications

General Information			
Filler / Reinforcement	Aluminum		
Features	Good Impact Resistance		
	Thixotropic		
Uses	Coating Applications		
Forms	Pellets		
Processing Method	Coating		
Physical	Nominal Value	Unit	Test Method
Apparent Density	1.49	g/cm <sup>3</sup>	ASTM D1895
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	88		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	44.8	MPa	ASTM D638
Flexural Strength (Yield)	74.5	MPa	ASTM D790
Compressive Strength	94.5	MPa	ASTM D695
Thermoset	Nominal Value	Unit	
Thermoset Components			
	Mix Ratio by Volume: 1.0		
Hardener	Mix Ratio by Weight: 20		
	Mix Ratio by Weight: 100		
Resin	Mix Ratio by Volume: 3.2		
Demold Time (25°C)	960 to 1400	min	

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Recommended distributors for this material

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