

Thermoset Plastics DC-232

Epoxy; Epoxide

Thermoset, Lord Chemical Products

Message:

Thermoset Plastics DC-232 is an Epoxy; Epoxide (Epoxy) material. It is available in North America for casting or encapsulating. Primary attribute of Thermoset Plastics DC-232: Insulating.
Typical application of Thermoset Plastics DC-232: Wire & Cable

General Information			
Features	Electrically Insulating		
	Impregnating		
Uses	Electronic Insulation		
Appearance	Amber		
Forms	Pellets		
Processing Method	Casting		
	Encapsulating		

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.07	g/cm ³	ASTM D792
Water Absorption (24 hr)	0.32	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	80		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	47.2	MPa	ASTM D638
Tensile Elongation (Yield)	4.8	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	22	J/m	ASTM D256
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	3.0E+16	ohms · cm	ASTM D257
Dielectric Constant (1 MHz)	3.00		ASTM D150
Dissipation Factor (100 Hz)	2.0E-3		ASTM D150
Thermoset	Nominal Value	Unit	Test Method
Shelf Life (25°C)	13	wk	
Thermoset Mix Viscosity (25°C)	1500	cP	ASTM D2393
Demold Time	120 to 180	min	

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Recommended distributors for this material

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