

Epoxies, Ect. 20-2175

Polyurethane

Epoxies, Etc.

Message:

20-2175 is a two-component and dielectric potting and encapsulating compound. This product has unique flow and rheology characteristics that allows filling of cavities with small holes where traditional materials would leak.

20-2175 was formulated for use in potting cable end assemblies, watertight electrical connectors, cables, printed circuitry, and other electrical components. It provides a quick gel to prevent too much flow.

- Features:
- Outstanding environmental performance
 - Controlled flow
 - Easy Mixing
 - Available in Triggerbond® Cartridges

General Information		
Features	Fast Gel	
Uses	Electrical Parts	
	Electrical/Electronic Applications	
	Printed Circuit Boards	
	Wire & Cable Applications	
Appearance	Black	
Processing Method	Encapsulating	
	Potting	
Thermal	Nominal Value	Unit
Thermal Conductivity	0.25	W/m/K
Electrical	Nominal Value	Unit
Insulation Resistance	2.0E-11	ohms
Uncured Properties	Nominal Value	Unit
Color	Black	
Mix Ratio by Weight (PBW)		
Part A	90	
Part B	100	
Mix Ratio by Volume (PBV)		
Part A	100	
Part B	100	
Density		
25°C ¹	1.04	g/cm ³
25°C ²	1.15	g/cm ³
Viscosity		
25°C ³	0.50	Pa·s
25°C ⁴	3.0	Pa·s

Curing Time (25°C)	72	hr
Gel Time (25°C)	15	min
Pot Life (25°C)	6.0	min
Shelf Life	12	month
Cured Properties	Nominal Value	Unit
Shore Hardness (Shore D)	75	
Electric Strength		
3.18 mm	> 16	kV/mm
1.59 mm	24	kV/mm
NOTE		
1.	Part B	
2.	Part A	
3.	Part B	
4.	Part A	

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