

Epoxies, Ect. 20-2162

Polyurethane

Epoxies, Etc.

Message:

20-2162 is a unique high performance two component urethane system. The 20-2162 is engineered for demanding applications where flow control is necessary to limit mold leaking, seeping around cable entries and substrate wicking. This product offers outstanding durability and adhesion to a variety of substrates.

- Features:
- Outstanding environmental performance
 - Controlled flow
 - Easy mixing
 - High impact resistance
 - Available in Triggerbond® cartridges

General Information		
Features	Durable	
	Good Adhesion	
	Good Impact Resistance	
Uses	Adhesives	
	Sealants	
	Wire & Cable Applications	
Appearance	Black	
Processing Method	Encapsulating	
	Potting	
Physical	Nominal Value	Unit
Molding Shrinkage - Flow	0.014	%
Thermal	Nominal Value	Unit
Thermal Conductivity	0.30	W/m/K
Electrical	Nominal Value	Unit
Surface Resistivity	> 1.0E+14	ohms
Uncured Properties	Nominal Value	Unit
Color	Black	
Mix Ratio by Weight (PBW)		
Part A	100	
Part B	55	
Mix Ratio by Volume (PBV)		
Part A	100	
Part B	50	
Density		
25°C ¹	1.01	g/cm³

25°C ²	1.14	g/cm ³
Viscosity		
25°C ³	0.75	Pa·s
25°C ⁴	1.2	Pa·s
Pot Life ⁵ (25°C)	480	min
Shelf Life	12	month
Cured Properties	Nominal Value	Unit
Shore Hardness		
Shore A, 60°C ⁶	45 to 55	
Shore A, 23°C ⁷	45 to 55	
Shore A, 23°C ⁸	60 to 70	
Tensile Strength	5.52	MPa
Tensile Elongation at Break	200	%
Tear Strength	2.63	kN/m
Electric Strength	> 22	kV/mm
Relative Permittivity (1 kHz)	3.40	
Volume Resistivity	7.2E+13	ohms·cm
Dissipation Factor (1 kHz)	0.017	
NOTE		
1.	Part B	
2.	Part A	
3.	Part A	
4.	Part B	
5.	Set Time	
6.	Five hours	
7.	Overnight	
8.	Five days	

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