

Epoxies, Ect. 20-3236

Epoxy; Epoxide

Epoxies, Etc.

Message:

20-3236 Resin is a low viscosity copolymer adhesive and potting compound specifically designed for bonding vinyls and neoprenes. 20-3236 Resin has an extended working time and a convenient 2:1 mix ratio.

20-3236 Resin can be used in many difficult bonding applications. It is also used for the encapsulation of vinyl insulated electrical components or sealing vinyl lead wires.

General Information		
Features	Bondability	
	Copolymer	
	Good Adhesion	
	Low Viscosity	
Uses	Adhesives	
	Bonding	
	Electrical/Electronic Applications	
	Seals	
	Wire & Cable Applications	
Appearance	Amber	
Processing Method	Encapsulating	
	Potting	
Impact	Nominal Value	Unit
Notched Izod Impact	29	J/m
Thermoset	Nominal Value	Unit
Thermoset Mix Viscosity (25°C)	3000	cP
Additional Information	Nominal Value	Unit
Operating Temperature	-55.0 to 120	°C
Weight Loss on Heating - After 24 hours at 150°C	0.64	
Uncured Properties	Nominal Value	Unit
Color	Amber	
Mix Ratio by Weight (PBW)		
Part A	2.0	
Part B	1.0	
Density ¹ (25°C)	1.07	g/cm³
Curing Time		
65°C	2.0 to 3.0	hr

45°C	6.0 to 8.0	hr
25°C	24 to 36	hr
Pot Life ² (25°C)	300	min
Shelf Life	6	month
Cured Properties	Nominal Value	Unit
Water Absorption ³	0.21	%
Shore Hardness (Shore D)	80	
Tensile Strength	57.2	MPa
Tensile Elongation at Break	6.4	%
Relative Permittivity (1 MHz)	3.57	
Dissipation Factor (1 MHz)	0.021	
NOTE		
1.	Catalyzed	
2.	100 grams	
3.	After 24 hours	

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