

Trelleborg Emerson & Cuming Eccobond® 45 Two-Component General Purpose Epoxy Adhesive

Category : Polymer , Adhesive , Thermoset , Epoxy , Epoxy Adhesive

Material Notes:

Emerson & Cuming 45 Eccobond® Two-Component General Purpose Epoxy Adhesive Filled, general purpose, room temperature curing, epoxy adhesive and sealant. Flexibility can be adjusted by the amount of Catalyst 15 used. Convenient mix ratio. Good impact resistance. Excellent adhesion to metal, glass and plastic substrates. Mix Ratio of 100:50 to 100:150 (Cat 15 variation). Bonding Type: Epoxy

Order this product through the following link:

http://www.lookpolymers.com/polymer_Trelleborg-Emerson-Cuming-Eccobond-45-Two-Component-General-Purpose-Epoxy-Adhesive.php

Physical Properties	Metric	English	Comments
Density	1.18 - 1.34 g/cc	0.0426 - 0.0484 lb/in ³	
Viscosity	37000 cP @Temperature 25.0 °C	37000 cP @Temperature 77.0 °F	Mixed

Mechanical Properties	Metric	English	Comments
Adhesive Bond Strength	21.4 MPa	3100 psi	

Processing Properties	Metric	English	Comments
Cure Time	15.0 min @Temperature >= 105 °C	0.250 hour @Temperature >= 221 °F	
	30.0 min @Temperature 70.0 °C	0.500 hour @Temperature 158 °F	
	1440 min @Temperature 25.0 °C	24.0 hour @Temperature 77.0 °F	

Descriptive Properties	Value	Comments
Color	Black	

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