

Dow Corning 3-6512 A&B ELASTOMER

Category : Polymer , Adhesive , Thermoset , Rubber or Thermoset Elastomer (TSE)

Material Notes:

Two-part, transparent, 1:1, moderate heat cure, long pot life, cures to soft elastomer. Information provided by Dow Corning

Order this product through the following link:

http://www.lookpolymers.com/polymer_Dow-Corning-3-6512-AB-ELASTOMER.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.970 g/cc	0.970 g/cc	
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Viscosity	850 cP	850 cP	dynamic

Mechanical Properties	Metric	English	Comments
Penetration P(0), 1/10 mm	>= 48	>= 48	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	150 °C	302 °F	
Minimum Service Temperature, Air	-45.0 °C	-49.0 °F	

Optical Properties	Metric	English	Comments
Transmission, Visible	90 %	90 %	transparent; thickness not quantified

Electrical Properties	Metric	English	Comments
Volume Resistivity	4.00e+14 ohm-cm	4.00e+14 ohm-cm	
Dielectric Strength	20.7 kV/mm	525 kV/in	

Processing Properties	Metric	English	Comments
Cure Time	120 min	2.00 hour	
	@Temperature 70.0 °C	@Temperature 158 °F	
Shelf Life	24.0 Month	24.0 Month	

Descriptive Properties	Value	Comments
Appearance	transparent	
Color	red	

Descriptive Properties	Value	Comments
Gel Hardness (Grams/Penetration)	105	
Self Leveling	yes	
Water Resistant	yes	
Working Time (min)	1440	

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