

Reltek BONDiT™ A-3 Bonding Agent, Primer and Adhesive

Category : Polymer , Adhesive , Thermoset

Material Notes:

Key Properties: Adhesion promoter and primer for coatings, sealants and adhesives on metals, glass and ceramic. Exceptional moisture and high pH resistance. Outstanding harsh environment protection and cathodic corrosion protection when used with the B-4811. Applications: Exceptional corrosion and chemical protection. Promotes adhesion and provides primer protection on most metals, ceramic and glass (including sapphire), most elastomers (including silicon) and low surface energy substrates. Functional for a wide range of overmold materials, paints, coatings, encapsulates. High thermal stability (250°C) and chemical resistance. Suitable for bonding semiconductor material. Used as adhesive for very thin bond lines (½ mil) such as for glass-to-glass and glass-to-polyethylene bonding. Compatible for use with BONDiT B-4X epoxy series. Ambient cure 60 min or accelerated thermal cure. Water white to slight amber.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Reltek-BONDiT-A-3-Bonding-Agent-Primer-and-Adhesive.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.018 - 1.038 g/cc	1.018 - 1.038 g/cc	ASTM D1298
Viscosity Measurement	4.5 - 8.5	4.5 - 8.5	ASTM D445

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	200 °C	392 °F	

Optical Properties	Metric	English	Comments
Refractive Index	1.442 - 1.448	1.442 - 1.448	ASTM D1218

Processing Properties	Metric	English	Comments
Cure Time	5.00 min	0.0833 hour	
	@Temperature 150 °C	@Temperature 302 °F	

Descriptive Properties	Value	Comments
Color	Clear with stray color	

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