

## Atom Adhesives AA-BOND 2170 Epoxy Adhesive

Category : Polymer , Thermoset , Epoxy , Epoxy Adhesive

### Material Notes:

AA-BOND 2170 is a flexible thixotropic bonding adhesive designed for bonding all types of plastics including nylon, PVC, polyethylene, acrylic, lexan, kapton or almost any thermoplastic substrate. AA-BOND 2170 is low viscosity and easy to apply, can cure at room temperature. AA-BOND 2170 is high technology epoxy was formulated for applications in the automotive, medial, aerospace, photonic and assembly industries and can be used anywhere that require excellent chemical fastening to plastic parts. Appearance: AmberCure Type: Heat cure or Room Temperature Benefits: Low viscosity Easy to apply Mix Ratio by weight: 100:100/Resin:Hardener Substrates: All types of plastics including nylon, PVC, polyethylene, acrylic, lexan, kapton or almost any thermoplastic substrate Typical Application: Automotive, Medical, Aerospace, Photonic, Assembly, industries, Also can be used anywhere that requires excellent chemical fastening to plastic parts. Information provided by Atom Adhesives

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Atom-Adhesives-AA-BOND-2170-Epoxy-Adhesive.php](http://www.lookpolymers.com/polymer_Atom-Adhesives-AA-BOND-2170-Epoxy-Adhesive.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.19 g/cc	1.19 g/cc	uncured
Solids Content	100 %	100 %	reactive, uncured
Viscosity	3490 cP	3490 cP	uncured

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	65	65	
Shear Strength	16.5 MPa	2400 psi	Lap, Alum to Alum

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	115 °C	239 °F	
Minimum Service Temperature, Air	-60.0 °C	-76.0 °F	
Glass Transition Temp, Tg	10.0 °C	50.0 °F	

Processing Properties	Metric	English	Comments
Cure Time	60.0 min	1.00 hour	
	@Temperature 65.0 °C	@Temperature 149 °F	
Pot Life	1440 min	24.0 hour	
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Pot Life	60.0 min	60.0 min	uncured

## **Contact Songhan Plastic Technology Co.,Ltd.**

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