

ITW Plexus Plexus,ç MA330 Methacrylate Adhesive

Category : Polymer , Adhesive , Thermoset , Methacrylate , Methacrylate Adhesive

Material Notes:

Two-part adhesive designed for structural bonding of thermoplastic, metal, and composite assemblies. Pigmented MA310, use with "difficult to bond" plastics. Information provided by Illinois Tool Works.

Order this product through the following link:

http://www.lookpolymers.com/polymer_ITW-Plexus-Plexus-MA330-Methacrylate-Adhesive.php

Physical Properties	Metric	English	Comments
Density	1.01 g/cc	0.0364 lb/in ³	Mixed
Viscosity	40000 - 60000 cP	40000 - 60000 cP	A
	40000 - 60000 cP	40000 - 60000 cP	B

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	27.6 - 31.0 MPa	4000 - 4500 psi	
Elongation at Break	5.0 - 15 %	5.0 - 15 %	
Tensile Modulus	1.03 - 1.21 GPa	150 - 175 ksi	
Shear Strength	20.7 - 24.1 MPa	3000 - 3500 psi	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	121 Â°C	250 Â°F	
Minimum Service Temperature, Air	-55.0 Â°C	-67.0 Â°F	
Flash Point	10.6 Â°C	51.0 Â°F	TCC

Processing Properties	Metric	English	Comments
Pot Life	15 - 18 min	15 - 18 min	

Descriptive Properties	Value	Comments
Color	Gray	
Fixture Time	30-35 minutes	
Gap Filling	Max 0.125 in	
Mix Ratio	1:1	By volume

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