

ITW Plexus Plexusâ„¢ MA310 Methacrylate Adhesive

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

Material Notes:

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

Order this product through the following link:

http://www.lookpolymers.com/polymer_ITW-Plexus-Plexus-MA310-Methacrylate-Adhesive.php

Physical Properties	Metric	English	Comments
Density	1.00 g/cc	0.0361 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	Cream	
Fixture Time	30-35 minutes	
Gap Filling	Max 0.125 in	
Mix Ratio	1:1	By volume

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China