

ITW Plexus Plexusâ„¢ MA3940 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 craze sensitive plastics. Information provided by Illinois Tool Works.

Order this product through the following link:

http://www.lookpolymers.com/polymer_ITW-Plexus-Plexus-MA3940-Methacrylate-Adhesive.php

Physical Properties	Metric	English	Comments
Density	0.941 g/cc	0.0340 lb/in ³	Mixed
Viscosity	40000 - 60000 cP	40000 - 60000 cP	B
	135000 - 175000 cP	135000 - 175000 cP	A

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	13.8 - 17.2 MPa	2000 - 2500 psi	
Elongation at Break	125 - 175 %	125 - 175 %	
Tensile Modulus	0.0689 - 0.103 GPa	10.0 - 15.0 ksi	
Shear Strength	10.3 - 13.8 MPa	1500 - 2000 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	12 - 15 min	12 - 15 min	

Descriptive Properties	Value	Comments
Color	Off-white	
Fixture Time	25-30 minutes	
Gap Filling	Max 0.375 in	
Mix Ratio	10:1	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