

ITW Plexus Plexusâ„¢ MA420FS Methacrylate Adhesive

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

Material Notes:

Two-part adhesive designed for structural bonding of thermoplastic, metal, and composite assemblies. All purpose adhesive, very fast curing. Information provided by Illinois Tool Works.

Order this product through the following link:

http://www.lookpolymers.com/polymer_ITW-Plexus-Plexus-MA420FS-Methacrylate-Adhesive.php

Physical Properties	Metric	English	Comments
Density	0.977 g/cc	0.0353 lb/in ³	Mixed
Viscosity	50000 - 80000 cP	50000 - 80000 cP	B
	80000 - 100000 cP	80000 - 100000 cP	A

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	8.62 - 10.3 MPa	1250 - 1500 psi	
Elongation at Break	5.0 - 15 %	5.0 - 15 %	
Tensile Modulus	0.241 - 0.345 GPa	35.0 - 50.0 ksi	
Shear Strength	8.96 - 11.0 MPa	1300 - 1600 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	1.0 - 2.0 min	1.0 - 2.0 min	

Descriptive Properties	Value	Comments
Color	Off-white	
Fixture Time	3-4 minutes	
Gap Filling	Max 0.125 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