

## ITW Plexus Plexus™ MA925 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, low odor, long open time. Information provided by Illinois Tool Works.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ITW-Plexus-Plexus-MA925-Methacrylate-Adhesive.php](http://www.lookpolymers.com/polymer_ITW-Plexus-Plexus-MA925-Methacrylate-Adhesive.php)

Physical Properties	Metric	English	Comments
Density	0.965 g/cc	0.0348 lb/in <sup>3</sup>	Mixed
Viscosity	10000 - 20000 cP	10000 - 20000 cP	B
	100000 - 125000 cP	100000 - 125000 cP	A

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	11.7 - 15.2 MPa	1700 - 2200 psi	
Elongation at Break	100 - 120 %	100 - 120 %	
Tensile Modulus	0.276 - 0.345 GPa	40.0 - 50.0 ksi	
Shear Strength	9.65 - 11.7 MPa	1400 - 1700 psi	

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

Processing Properties	Metric	English	Comments
Pot Life	30 - 35 min	30 - 35 min	

Descriptive Properties	Value	Comments
Color	Blue	
Fixture Time	80-90 minutes	
Gap Filling	Max 0.375 in	
Mix Ratio	10:1	By volume

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

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