

## ITW Plexus Plexusâ„¸ MA821 Methacrylate Adhesive

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

**Material Notes:**

Two-part adhesive designed for structural bonding of thermoplastic, metal, and composite assemblies. Designed for structural bonding of metals without primers. Information provided by Illinois Tool Works.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ITW-Plexus-Plexus-MA821-Methacrylate-Adhesive.php](http://www.lookpolymers.com/polymer_ITW-Plexus-Plexus-MA821-Methacrylate-Adhesive.php)

Physical Properties	Metric	English	Comments
Viscosity	50000 - 75000 cP	50000 - 75000 cP	B
	90000 - 120000 cP	90000 - 120000 cP	A

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	15.9 - 19.3 MPa	2300 - 2800 psi	
Elongation at Break	75 - 100 %	75 - 100 %	
Shear Strength	12.4 - 15.2 MPa	1800 - 2200 psi	

Processing Properties	Metric	English	Comments
Pot Life	4.0 - 6.0 min	4.0 - 6.0 min	

Descriptive Properties	Value	Comments
Color	Off-white, gray	
Fixture Time	28-32 minutes	
Mix Ratio	10:1	By volume

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