

ITW Plexus Plexusâ„¢ MA822 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-MA822-Methacrylate-Adhesive.php

Physical Properties	Metric	English	Comments
Viscosity	50000 - 80000 cP	50000 - 80000 cP	B
	80000 - 110000 cP	80000 - 110000 cP	A

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	24.1 - 26.2 MPa	3500 - 3800 psi	
Elongation at Break	90 - 110 %	90 - 110 %	
Shear Strength	15.2 - 18.6 MPa	2200 - 2700 psi	

Processing Properties	Metric	English	Comments
Pot Life	15 - 20 min	15 - 20 min	

Descriptive Properties	Value	Comments
Color	Off-white, gray	
Fixture Time	40-45 minutes	
Mix Ratio	10:1	By volume

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