

ITW Plexus Plexus™ MA440 Methacrylate Adhesive

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

Material Notes:

Two-part, self-leveling adhesive designed for structural bonding of thermoplastic, metal, and composite assemblies.

Order this product through the following link:

http://www.lookpolymers.com/polymer_ITW-Plexus-Plexus-MA440-Methacrylate-Adhesive.php

Physical Properties	Metric	English	Comments
Density	0.980 g/cc	0.0354 lb/in ³	Uncured

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	15.0 MPa	2180 psi	ASTM D638
Elongation at Break	20 %	20 %	ASTM D638
Modulus of Elasticity	0.300 GPa	43.5 ksi	ASTM D638
Adhesive Bond Strength	9.50 MPa	1380 psi	Lap Shear Cohesive Strength; ASTM D1002

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	121 °C	250 °F	

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