

ITW Plexus Plexusâ„¢ 3940 Methacrylate Adhesive

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

Material Notes:

An adhesive with versatile substrate and application capabilities for a wide range of industrial product assembly applications. Fast tacking, low pressure sprayable adhesive with long bonding range, listed under UL INC.® Component recognition category MAGW2 (Adhesives, Isulation), File Number MH6288(N). The solids weight is approximately 35%. The flash point is less than -20Â°F/less than -29Â°C. The color is clear/translucent, the consistency is medium liquid, and the application method is spray. The bond range holds up to 60 minutes. Peel strength is 23 PIW at 75Â°F (24Â°C); canvas to cold rolled steel at 2 inches/minute separation rate. Information provided by 3M Adhesives Division.

Order this product through the following link:

http://www.lookpolymers.com/polymer_ITW-Plexus-Plexus-3940-Methacrylate-Adhesive.php

Physical Properties	Metric	English	Comments
Density	0.940 g/cc	0.0340 lb/inÂ³	Uncured

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	16.0 MPa	2320 psi	ASTM D638
Elongation at Break	150 %	150 %	ASTM D638
Modulus of Elasticity	0.100 GPa	14.5 ksi	ASTM D638
Adhesive Bond Strength	12.0 MPa	1740 psi	Lap Shear Cohesive Strength; ASTM D1002

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

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