

ITW Devcon Plastic Welderâ„¢ Methacrylate Adhesive II, Straw, Black

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

Material Notes:

Information provided by ITW Devcon

Order this product through the following link:

http://www.lookpolymers.com/polymer_ITW-Devcon-Plastic-Welder-Methacrylate-Adhesive-II-Straw-Black.php

Physical Properties	Metric	English	Comments
Viscosity	56000 cP	56000 cP	Mixed Viscosity (Thixotropic gel)

Mechanical Properties	Metric	English	Comments
Elongation at Break	5.0 - 15 %	5.0 - 15 %	
Adhesive Bond Strength	20.7 MPa	3000 psi	lap shear (on grit blasted steel, bond line thickness of 0.010"); ASTM D1002
Tensile Impact Strength	35.7 kJ/mÂ²	17.0 ft-lb/inÂ²	
Peel Strength	2.63 - 3.51 kN/m	15.0 - 20.0 pli	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	121 Â°C	250 Â°F	dry
Minimum Service Temperature, Air	-55.0 Â°C	-67.0 Â°F	dry

Processing Properties	Metric	English	Comments
Cure Time	15.0 - 20.0 min	0.250 - 0.333 hour	Working time
	30.0 - 35.0 min	0.500 - 0.583 hour	Fixture time
	120 - 240 min	2.00 - 4.00 hour	Functional cure

Descriptive Properties	Value	Comments
Mix ratio (Resin:Hardener)	1:1	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China