

3M Scotch-Weld™ PR1500 Plastic and Rubber Instant Adhesive

Category : Polymer , Adhesive

Material Notes:

3M™ Scotch-Weld™ Plastic and Rubber Instant Adhesive is designed to give exceptional performance on difficult-to-bond plastic and rubber substrates. This adhesive may be bonded to like substrates or in combination with metal or composite substrates. Superior performance is achieved on materials such as heavily plasticized PVC, EPDM, ABS, Nylon, Santoprene® and Viton®. PR1500 (formerly SB16) is a high viscosity cyanoacrylate that can be used on plastic or rubber parts that do not fit well together. It has excellent gap-filling characteristics and will not wick into unwanted areas. It has been tested and passed the requirements of Commercial Item Description A-A-3097, Type II, Class (formerly MIL-A-46050C). Information provided by 3M

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-Scotch-Weld-PR1500-Plastic-and-Rubber-Instant-Adhesive.php

Physical Properties	Metric	English	Comments
Density	1.08 g/cc	0.0390 lb/in ³	
Brookfield Viscosity	1275 - 4650 cP	1275 - 4650 cP	LVF, sp 3 @ 30 rpm

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	20.0 MPa	2900 psi	grit-blasted steel; ISO 6922

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	82.0 °C	180 °F	
Minimum Service Temperature, Air	-54.0 °C	-65.2 °F	

Processing Properties	Metric	English	Comments
Cure Time	0.333 - 1.67 min	0.00555 - 0.0278 hour	Time to Handling Strength
	1440 min	24.0 hour	Full Cure

Descriptive Properties	Value	Comments
Appearance	Clear Liquid	

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