

3M Scotch-Weld™ PR40 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®. PR40 is a low viscosity cyanoacrylate adhesive which bonds close-fitting plastic or rubber parts quickly and with high strength. Information provided by 3M

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-Scotch-Weld-PR40-Plastic-and-Rubber-Instant-Adhesive.php

Physical Properties	Metric	English	Comments
Density	1.06 g/cc	0.0383 lb/in³	
Viscosity	34 - 44 cP	34 - 44 cP	ISO 3104/3105

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	0.0500 - 0.333 min	0.000833 - 0.00555 hour	Time to Handling Strength
	1440 min	24.0 hour	Full Cure

Descriptive Properties	Value	Comments
Appearance	Clear Liquid	

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