

3M Scotch-Weld™ 4475 Industrial Adhesive

Category : Polymer , Adhesive

Material Notes:

Features: Dries quickly to a firm bondExcellent resistance to water, plasticizer migration, many detergent and soap solutions, oils and greasesA general purpose adhesive for bonding most vinyls, ceramics, glass, leather and cloth to a variety of substrates.Information provided by 3M

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-Scotch-Weld-4475-Industrial-Adhesive.php

Physical Properties	Metric	English	Comments
Solids Content	41 - 45 %	41 - 45 %	
Brookfield Viscosity	6500 - 10500 cP	6500 - 10500 cP	RVF #5 sp @ 20 rpm @ 80°F

Mechanical Properties	Metric	English	Comments
Peel Strength	1.23 kN/m	7.00 pli	180°, Canvas/Steel
	@Temperature 82.0 °C, Time 1.81e+6 sec	@Temperature 180 °F, Time 504 hour	
	2.28 kN/m	13.0 pli	180°, Canvas/Steel
	@Temperature 24.0 °C, Time 86400 sec	@Temperature 75.2 °F, Time 24.0 hour	
	2.98 kN/m	17.0 pli	180°, Canvas/Steel
	@Temperature 66.0 °C, Time 1.81e+6 sec	@Temperature 151 °F, Time 504 hour	
	3.86 kN/m	22.0 pli	180°, Canvas/Steel
	@Temperature -34.0 °C, Time 1.81e+6 sec	@Temperature -29.2 °F, Time 504 hour	
	4.21 kN/m	24.0 pli	180°, Canvas/Steel
	@Temperature 24.0 °C, Time 259000 sec	@Temperature 75.2 °F, Time 72.0 hour	
	4.82 kN/m	27.5 pli	180°, Canvas/Steel
	@Temperature 24.0 °C, Time 432000 sec	@Temperature 75.2 °F, Time 120 hour	
	5.70 kN/m	32.5 pli	180°, Canvas/Steel
	@Temperature 24.0 °C, Time 605000 sec	@Temperature 75.2 °F, Time 168 hour	
	6.14 kN/m	35.0 pli	180°, Canvas/Steel

Mechanical Properties	@Temperature 24.0 °C, Metric Time 1.21e+6 sec	@Temperature 75.2 °F, English Time 336 hour	Comments
	7.71 kN/m	44.0 pli	180°, Canvas/Steel
	@Temperature 24.0 °C, Time 1.81e+6 sec	@Temperature 75.2 °F, Time 504 hour	

Thermal Properties	Metric	English	Comments
Flash Point	-6.60 °C	20.1 °F	CC

Processing Properties	Metric	English	Comments
Shelf Life	15.0 Month	15.0 Month	

Descriptive Properties	Value	Comments
Appearance	Clear	
Base	Synthetic	

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