

3M Scotch-Weld™ 1300 Neoprene High Performance Rubber Gasket Adhesives

Category : Polymer , Adhesive

Material Notes:

3M™ Scotch-Weld™ Neoprene High Performance Rubber ^& Gasket Adhesives 1300 is the most versatile of our rubber and gasket adhesives. They may be used to bond metal, wood, most plastics, and neoprene, reclaim, SBR, and butyl rubber. They have high immediate strength and excellent heat resistance. Information provided by 3M

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-Scotch-Weld-1300-Neoprene-High-Performance-Rubber-Gasket-Adhesives.php

Physical Properties	Metric	English	Comments
Solids Content	34 - 39 %	34 - 39 %	
Brookfield Viscosity	1500 - 4000 cP	1500 - 4000 cP	RVF #4 sp @ 20 rpm @ 80°F

Mechanical Properties	Metric	English	Comments
Shear Strength	0.586 MPa	85.0 psi	
	@Temperature 107 °C, Time 1.81e+6 sec	@Temperature 225 °F, Time 504 hour	Overlap, 1/8" Birch/Birch
	0.938 MPa	136 psi	
	@Temperature 82.0 °C, Time 1.81e+6 sec	@Temperature 180 °F, Time 504 hour	Overlap, 1/8" Birch/Birch
	1.34 MPa	195 psi	
	@Temperature -34.0 °C, Time 1.81e+6 sec	@Temperature -29.2 °F, Time 504 hour	Overlap, 1/8" Birch/Birch
Peel Strength	2.36 MPa	343 psi	
	@Temperature 75.0 °C, Time 1.21e+6 sec	@Temperature 167 °F, Time 336 hour	Overlap, 1/8" Birch/Birch
	3.79 MPa	549 psi	
	@Temperature 75.0 °C, Time 1.81e+6 sec	@Temperature 167 °F, Time 504 hour	Overlap, 1/8" Birch/Birch
	3.16 kN/m	18.0 pli	
	@Temperature 24.0 °C, Time 86400 sec	@Temperature 75.2 °F, Time 24.0 hour	180°, Canvas/Steel
	4.56 kN/m	26.0 pli	
	@Temperature 82.0 °C, Time 1.81e+6 sec	@Temperature 180 °F, Time 504 hour	180°, Canvas/Steel

Mechanical Properties	5.26 kN/m Metric	30.0 pli English	Comments
	@Temperature 24.0 °C, Time 1.21e+6 sec	@Temperature 75.2 °F, Time 336 hour	180°, Canvas/Steel
	5.70 kN/m	32.5 pli	
	@Temperature 66.0 °C, Time 1.81e+6 sec	@Temperature 151 °F, Time 504 hour	180°, Canvas/Steel
	8.41 kN/m	48.0 pli	
	@Temperature 24.0 °C, Time 259000 sec	@Temperature 75.2 °F, Time 72.0 hour	180°, Canvas/Steel
	8.59 kN/m	49.0 pli	
	@Temperature -34.0 °C, Time 1.81e+6 sec	@Temperature -29.2 °F, Time 504 hour	180°, Canvas/Steel
	8.94 kN/m	51.0 pli	
	@Temperature 24.0 °C, Time 432000 sec	@Temperature 75.2 °F, Time 120 hour	180°, Canvas/Steel
	9.12 kN/m	52.0 pli	
	@Temperature 24.0 °C, Time 605000 sec	@Temperature 75.2 °F, Time 168 hour	180°, Canvas/Steel

Thermal Properties	Metric	English	Comments
Flash Point	-26.0 °C	-14.8 °F	TCC

Descriptive Properties	Value	Comments
Appearance	Yellow	
Base	Polychloroprene	

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