

3M Scotch-Weld™ 10 Neoprene Contact Adhesive

Category : Polymer , Adhesive

Material Notes:

3M™ Scotch-Weld™ Neoprene Contact Adhesive 10 is a multi-purpose contact adhesive which may be used to bond plastic laminate, aluminum, steel, wallboard, wood, masonry, rubber and canvas. Information provided by 3M

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-Scotch-Weld-10-Neoprene-Contact-Adhesive.php

Physical Properties	Metric	English	Comments
Solids Content	21 - 25 %	21 - 25 %	
Brookfield Viscosity	450 - 700 cP	450 - 700 cP	RVF #2 sp @ 20 rpm @ 80°F

Mechanical Properties	Metric	English	Comments
Shear Strength	0.483 MPa	70.0 psi	Overlap
	@Temperature 107 °C, Time 1.81e+6 sec	@Temperature 225 °F, Time 504 hour	
	0.765 MPa	111 psi	
	@Temperature 82.0 °C, Time 1.81e+6 sec	@Temperature 180 °F, Time 504 hour	
	2.96 MPa	430 psi	
Peel Strength	@Temperature 75.0 °C, Time 1.21e+6 sec	@Temperature 167 °F, Time 336 hour	Overlap
	2.99 MPa	433 psi	Overlap
	@Temperature 75.0 °C, Time 1.81e+6 sec	@Temperature 167 °F, Time 504 hour	
Peel Strength	4.66 MPa	676 psi	Overlap
	@Temperature -34.0 °C, Time 1.81e+6 sec	@Temperature -29.2 °F, Time 504 hour	
	1.58 kN/m	9.00 pli	
Peel Strength	@Temperature 82.0 °C, Time 1.81e+6 sec	@Temperature 180 °F, Time 504 hour	180°, Canvas/Steel
	1.75 kN/m	10.0 pli	180°, Canvas/Steel
	@Temperature 24.0 °C, Time 86400 sec	@Temperature 75.2 °F, Time 24.0 hour	
2.28 kN/m	13.0 pli		
Peel Strength	@Temperature 24.0 °C, Time 259000 sec	@Temperature 75.2 °F, Time 72.0 hour	180°, Canvas/Steel

Mechanical Properties	Metric	English	Comments
	2.98 kN/m	17.0 pli	180°, Canvas/Steel
	@Temperature 24.0 °C, Time 432000 sec	@Temperature 75.2 °F, Time 120 hour	
	3.33 kN/m	19.0 pli	180°, Canvas/Steel
	@Temperature 24.0 °C, Time 605000 sec	@Temperature 75.2 °F, Time 168 hour	
	3.86 kN/m	22.0 pli	180°, Canvas/Steel
	@Temperature 24.0 °C, Time 1.21e+6 sec	@Temperature 75.2 °F, Time 336 hour	
	4.03 kN/m	23.0 pli	180°, Canvas/Steel
	@Temperature 24.0 °C, Time 1.81e+6 sec	@Temperature 75.2 °F, Time 504 hour	
	4.91 kN/m	28.0 pli	180°, Canvas/Steel
	@Temperature -34.0 °C, Time 1.81e+6 sec	@Temperature -29.2 °F, Time 504 hour	

Thermal Properties	Metric	English	Comments
Flash Point	-25.0 °C	-13.0 °F	TCC

Processing Properties	Metric	English	Comments
Shelf Life	15.0 Month	15.0 Month	

Descriptive Properties	Value	Comments
Appearance	Light Yellow	
Base	Polychloroprene	

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