

3M Scotch-Weld™ EZ250015 Polyurethane Reactive (PUR) Easy 250 Wood Adhesive

Category : Polymer , Adhesive

Material Notes:

3M™ Scotch-Weld™ Polyurethane Reactive (PUR) Easy 250 Wood Adhesive is 100% solid, warm temperature applied, moisture curing urethanes. This product bonds well to wood and wood bases surfaces as well as select plastics. This product offers a wide variation of open and set times as well as the ability to produce very thin bond lines. Fast setting adhesive ideal for bonding wood and select plastics. Information provided by 3M

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-Scotch-Weld-EZ250015-Polyurethane-Reactive-PUR-Easy-250-Wood-Adhesive.php

Physical Properties	Metric	English	Comments
Density	1.07 g/cc	0.0387 lb/in ³	
Brookfield Viscosity	7000 cP	7000 cP	Thermosel using spindle #27

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	65	65	
Tensile Strength at Break	26.9 MPa	3900 psi	ASTM D638 Die C
Elongation at Break	750 %	750 %	ASTM D638 Die C
Shear Strength	3.79 MPa	550 psi	Overlap, Maple
	@Temperature 82.0 °C	@Temperature 180 °F	
	11.4 MPa	1650 psi	Overlap, Maple
	@Temperature 23.0 °C	@Temperature 73.4 °F	
	6.76 MPa	980 psi	Overlap, Maple conditioned for 7 days AT RT/50% RH
	@Time Error in fixSigDigits: @digits must be between 1 a sec	@Time Error in fixSigDigits: @digits must be between 1 a hour	
	11.4 MPa	1650 psi	Overlap, Maple conditioned for 7 days AT RT/50% RH
	@Time 3600 sec	@Time 1.00 hour	
	11.4 MPa	1650 psi	Overlap, Maple conditioned for 7 days AT RT/50% RH
	@Time 605000 sec	@Time 168 hour	
	11.7 MPa	1690 psi	Overlap, Maple conditioned for 7 days AT RT/50% RH
	@Time 259000 sec	@Time 72.0 hour	

Mechanical Properties	11.89 MPa Metric	1725 psi English	Overlap, Maple conditioned for 7 days AT 111/50% RH
	@Time 86400 sec	@Time 24.0 hour	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	121 °C	250 °F	

Processing Properties	Metric	English	Comments
Cure Time	0.250 min	0.00417 hour	Set Time

Descriptive Properties	Value	Comments
Appearance	white/off-white	

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