

3M Scotch-Weld™ 6116 Bulk only Adhesive

Category : Polymer , Adhesive

Material Notes:

Same as 6111 but Lower than normal viscosity and mainly used on fabrics. Information provided by 3M

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-Scotch-Weld-6116-Bulk-only-Adhesive.php

Physical Properties	Metric	English	Comments
Density	0.920 g/cc	0.0332 lb/in ³	
Brookfield Viscosity	1300 cP	1300 cP	
	@Temperature 191 °C	@Temperature 375 °F	

Mechanical Properties	Metric	English	Comments
Peel Strength	0.701 kN/m	4.00 pli	Very tight smooth nylon fabric, 180°
	0.912 kN/m	5.20 pli	Very smooth, tight polyester fabric, 180°
	2.12 kN/m	12.1 pli	Open weave, polypropylene fabric, 180°
	2.87 kN/m	16.4 pli	Polypropylene panel, 180°
	3.51 kN/m	20.0 pli	on canvas
	3.56 kN/m	20.3 pli	ABS Plastic, 180°
	3.58 kN/m	20.4 pli	Steel coupon, 180°
	3.58 kN/m	20.4 pli	Open weave polyester fabric, 180°
	3.75 kN/m	21.4 pli	Fir (wood), 180°

Thermal Properties	Metric	English	Comments
Ring & Ball Softening Point	93.0 °C	199 °F	ASTM E28-99

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