

BCC Products DP-11-83 Urethane Adhesive-Slo

Category : Polymer , Adhesive , Thermoset , Polyurethane, TS , Thermoset Polyurethane, Adhesive

Material Notes:

DP-11-83 is a low viscosity, quick setting, easy to use adhesive and/or casting material. This product was designed to bond together the MB1200 foam board to create desired dimensions in length, width and height. DP-11-83 has a working life of up to 13 minutes for casting applications. If used as an adhesive, it is workable for up to 16 minutes. Information provided by BCC Products, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_BCC-Products-DP-11-83-Urethane-Adhesive-Slo.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.03 g/cc	1.03 g/cc	
Brookfield Viscosity	850 cP	850 cP	
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Linear Mold Shrinkage	0.00050 cm/cm	0.00050 in/in	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	38 - 42	38 - 42	
Tensile Strength, Ultimate	3.38 MPa	490 psi	
Elongation at Break	800 %	800 %	
Tear Strength	35.1 kN/m	200 pli	

Processing Properties	Metric	English	Comments
Cure Time	720 - 960 min	12.0 - 16.0 hour	demold time
	@Temperature 24.0 °C	@Temperature 75.2 °F	
	1440 min	24.0 hour	full cure
	@Temperature 24.0 °C	@Temperature 75.2 °F	
Pot Life	30 min	30 min	work life
	@Temperature 25.0 °C	@Temperature 77.0 °F	
	45 min	45 min	gel time (180g)
	@Temperature 25.0 °C	@Temperature 77.0 °F	

Descriptive Properties	Value	Comments
Mix Ratio	100:90 by weight (resin/hardener)	

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