

Uniseal BETABRACE™ 85076 Epoxy

Category : Polymer , Thermoset , Epoxy

Material Notes:

BETABRACE™ 85076 is an expandable composite used for reinforcing sheet metal. It is composed of a high temperature curing tacky polymer, woven glass fabric, and release paper. BETABRACE™ 85076 provides adhesion to primed metal and also adheres to oily galvanized and cold rolled steel without a primer. BETABRACE™ 85076 can be supplied in many different shapes and thicknesses for specific reinforcement applications. Information provided by Dow

Order this product through the following link:

http://www.lookpolymers.com/polymer_Uniseal-BETABRACE-85076-Epoxy.php

Thermal Properties	Metric	English	Comments
Flash Point	>= 204 °C	>= 400 °F	

Processing Properties	Metric	English	Comments
Cure Time	10.0 min	0.167 hour	
	@Temperature 171 °C	@Temperature 340 °F	

Descriptive Properties	Value	Comments	
Flexural Reinforcement Force N	30	2mm deflection; 1.3mm thick; After 500 hrs @ 200°F	
	33	2mm deflection; 1.9mm thick; After 500 hrs @ 200°F	
	35	2mm deflection; 1.3mm thick; After 500 hrs @ 100°F & 100% RH	
	40	2mm deflection; 1.3mm thick; Initial	
	40	2mm deflection; 1.3mm thick; After 14 days @ 190°F	
	45	2mm deflection; 1.9mm thick; After 500 hrs @ 100°F & 100% RH	
	57	2mm deflection; 1.9mm thick; Initial	
	57	2mm deflection; 1.9mm thick; After 14 days @ 190°F	
	Max Load N	155	1.3mm thick; 8mm max deflection
		180	1.9mm thick; 7mm max deflection

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