

Dow BETAFOAM™ 87100/87120

Category : Polymer , Thermoset , Polyurethane, TS

Material Notes:

BETAFOAM™ 87100/87120 is a low density, all water blown rigid polyurethane foam. These components were engineered to produce a foam for providing barrier protection against airborne noise. Foam is produced by the rapid mixing of both components under high shear conditions. These components were formulated for fast reaction and high volume expansion. The foam has adhesion to primed metal surfaces. Information provided by Dow

Order this product through the following link:

http://www.lookpolymers.com/polymer_Dow-BETAFOAM-8710087120.php

Physical Properties	Metric	English	Comments
Density	0.0330 g/cc	0.00119 lb/in ³	Free Rise Density (Cured)
Water Absorption	6.0 %	6.0 %	

Mechanical Properties	Metric	English	Comments
Compressive Strength	>= 0.103 MPa	>= 15.0 psi	

Thermal Properties	Metric	English	Comments
Shrinkage	<= 1.00 %	<= 1.00 %	
	@Temperature 121 °C, Time 173000 sec	@Temperature 250 °F, Time 48.0 hour	
	<= 1.00 %	<= 1.00 %	
	@Temperature 37.8 °C, Time 605000 sec	@Temperature 100 °F, Time 168 hour	
	<= 1.00 %	<= 1.00 %	
	@Temperature 102 °C, Time 605000 sec	@Temperature 215 °F, Time 168 hour	

Processing Properties	Metric	English	Comments
Gel Time	0.0500 - 0.0670 min	0.0500 - 0.0670 min	

Descriptive Properties	Value	Comments
Aged Weight Loss %, max	1	7days @ 215°F
Volume Expansion %, min	3200	Cured

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