

Dow BETAFOAM™ 89100/89120

Category : Polymer , Thermoset , Polyurethane, TS

Material Notes:

BETAFOAM™ 89100/89120 is a low-density, all-water blown rigid polyurethane foam. The 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-8910089120.php

Physical Properties	Metric	English	Comments
Density	0.0320 g/cc	0.00116 lb/in ³	Free Rise Density (Cured)

Mechanical Properties	Metric	English	Comments
Compressive Strength	>= 0.0414 MPa	>= 6.00 psi	

Thermal Properties	Metric	English	Comments
Shrinkage	0.00 %	0.00 %	20 min after foam manufacture
	0.400 %	0.400 %	
	@Temperature 37.8 °C, Time 605000 sec	@Temperature 100 °F, Time 168 hour	
	2.40 %	2.40 %	24 hrs @ 250°F
	@Temperature 121 °C, Time 86400 sec	@Temperature 250 °F, Time 24.0 hour	

Descriptive Properties	Value	Comments
Aged Weight Loss %	1.9	24 hrs @ 175°F
Volume Expansion %, min	3400	Cured

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