

BASF Peripor® 300 Expandable Polystyrene

Category : Polymer , Thermoplastic , Polystyrene (PS) , Expanded Polystyrene (EPS)

Material Notes:

Description: Expandable polystyrene (EPS) with uniformly distributed flame retardant (blowing agent: pentane)Remarks: Low-pentane products for the production of flame-retardant foams displaying low water absorption.Applications: For the production of moldings primarily in the high bulk density range for applications involving stresses due to compression and moisture for example perimeter insulating panels and molded parts exhibiting very low water absorption.Information provided by BASF

Order this product through the following link:

http://www.lookpolymers.com/polymer_BASF-Peripor-300-Expandable-Polystyrene.php

Physical Properties	Metric	English	Comments
Bulk Density	0.600 g/cc	0.0217 lb/in ³	
Density	0.00310 g/cc	0.000112 lb/in ³	Vapor (Heavier than air)
	1.02 - 1.05 g/cc	0.0368 - 0.0379 lb/in ³	
Bead Size	0.700 - 1.00 mm	0.0276 - 0.0394 in	

Thermal Properties	Metric	English	Comments
Softening Point	70.0 °C	158 °F	approx
Decomposition Temperature	>= 220 °C	>= 428 °F	
Flash Point	>= -56.0 °C	>= -68.8 °F	

Descriptive Properties	Value	Comments
Color	White	
Commercial Status	Europe	
Ignition Temperature	285°C	DIN 51794

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