

BASF Styropor® F 315-N Expandable Polystyrene

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

Material Notes:

Description: Expandable polystyrene (EPS) containing uniformly distributed flame retardant (blowing agent: pentane)Remarks: Production of flame-retardant foams displaying low post-shrinkageApplications: Blocks, thin-walled molded parts.Information provided by BASF

Order this product through the following link:

http://www.lookpolymers.com/polymer_BASF-Styropor-F-315-N-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	
Vapor Pressure	0.685 bar @Temperature 25.0 °C	514 torr @Temperature 77.0 °F	

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	

Processing Properties	Metric	English	Comments
Moisture Content	<= 1.0 %	<= 1.0 %	

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

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