

NOVA Chemicals Styrocell® B733A Expandable Polystyrene (discontinued **)

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

Material Notes:

This grade is a special molding grade consisting of spherical polystyrene beads containing pentane as expansion agent, typically used as expansion agent, typically used as pre-expanded beads in the production of cellular bricks. Applications: This grade is used to produce cellular bricks from a mixture of pre-expanded beads with clay, which are subsequently fired in a kiln at ca. 1000°C. This grade should not be used for food contact applications. Information provided by NOVA Chemicals.

Order this product through the following link:

http://www.lookpolymers.com/polymer_NOVA-Chemicals-Styrocell-B733A-Expandable-Polystyrene-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Bulk Density	0.620 g/cc	0.0224 lb/in ³	
Density	>= 0.0110 g/cc	>= 0.000397 lb/in ³	Minimum achievable; Single stage pre-expansion in continuous expander at atmospheric pressure
Bead Size	0.400 - 0.800 mm	0.0157 - 0.0315 in	
	0.400 - 0.800 mm	0.0157 - 0.0315 in	Breda Laboratory Analytical Methods 90.30

Chemical Properties	Metric	English	Comments
Styrene Content	<= 0.10 %	<= 0.10 %	Residual Styrene Monomer Content per Breda Laboratory Analytical Methods 90.16
Blowing Agent Content	>= 5.9 %	>= 5.9 %	Breda Laboratory Analytical Methods 90.18

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