

Ineos Nova T543B Expandable Polystyrene

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

Material Notes:

A fast expanding regular molding grade consisting of spherical polystyrene beads containing pentane as expansion agent typically used for medium density foam. Applications: This grade is used mainly for producing medium density block which is cut to make board and contour moldings with a wall thickness greater than 10 mm. Information provided by NOVA Chemicals.

Order this product through the following link:

http://www.lookpolymers.com/polymer_ineos-Nova-T543B-Expandable-Polystyrene.php

Physical Properties	Metric	English	Comments
Bulk Density	0.620 g/cc	0.0224 lb/in ³	
Density	>= 0.0150 g/cc	>= 0.000542 lb/in ³	Minimum achievable; Single stage pre-expansion in continuous expander at atmospheric pressure
	0.0150 - 0.0300 g/cc	0.000542 - 0.00108 lb/in ³	Normal molded density assuming cost optimized selection of processing conditions.
Bead Size	0.500 - 1.00 mm	0.0197 - 0.0394 in	> 95% in this range per Berre Laboratory Analytical Methods 0492
	0.700 - 1.00 mm	0.0276 - 0.0394 in	

Chemical Properties	Metric	English	Comments
Styrene Content	<= 0.10 %	<= 0.10 %	Residual Styrene Monomer Content per Berre Laboratory Analytical Methods 0075
Blowing Agent Content	>= 6.0 %	>= 6.0 %	

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