

Ineos Nova T523C 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 of low and standard density block, which are subsequently cut to boards for thermal insulation. Information provided by NOVA Chemicals.

Order this product through the following link:

http://www.lookpolymers.com/polymer_ineos-Nova-T523C-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	0.700 - 1.00 mm	0.0276 - 0.0394 in	
	0.600 - 1.18 mm	0.0236 - 0.0465 in	> 95% in this range per Berre Laboratory Analytical Methods 0492

Chemical Properties	Metric	English	Comments
Styrene Content	<= 0.10 %	<= 0.10 %	Residual Styrene Monomer Content per Berre Laboratory Analytical Methods 0075
Blowing Agent Content	>= 5.9 %	>= 5.9 %	

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