

NOVA Chemicals Styrocell® D733A 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 for contour molding. Applications: This grade is used for dry molding of meat trays, ice cream packaging and seeding trays with wall thickness generally 2.5-8.0 mm. This grade complies with major European and US food contact regulatory regimes, including: European Community Directive 90/128/ECC, including 92/39EEC and 95/EC, relating to plastics materials and articles, intended to come into contact with foodstuffs. Information provided by NOVA Chemicals.

Order this product through the following link:

http://www.lookpolymers.com/polymer_NOVA-Chemicals-Styrocell-D733A-Expandable-Polystyrene-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Bulk Density	0.620 g/cc	0.0224 lb/in ³	
Density	>= 0.0220 g/cc	>= 0.000795 lb/in ³	Minimum achievable; Single stage pre-expansion in continuous expander at atmospheric pressure
	0.0200 - 0.0400 g/cc	0.000723 - 0.00145 lb/in ³	Normal molded density
Bead Size	0.400 - 0.700 mm	0.0157 - 0.0276 in	Breda Laboratory Analytical Methods 90.30
	0.500 - 0.700 mm	0.0197 - 0.0276 in	

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	>= 5.7 %	>= 5.7 %	Breda Laboratory Analytical Methods 90.18

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