

NOVA Chemicals Arcel 730 LV Resin 70% Polystyrene/30% Polyethylene

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

Material Notes:

ARCEL advanced foam resin consists of polystyrene and polyethylene. ARCEL resin provides toughness, flexibility and durability in a lightweight foam. The strength and flexibility of ARCEL resin creates a resilient foam that can be molded into numerous complex and intricate forms. Its lightweight construction is resistant to puncture, flaking, tearing and breaking. In addition, packaging molded with ARCEL resin provides good cushioning and easy handling, while its lightweight properties help lower freight and other packaging costs. ARCEL resin is available in low-pentane (LV) grades for customers governed by strict pentane emission laws or high-density applications. Arcel 730 LV resin can be continuously or batch expanded using conventional EPS expansion equipment. Some minor material handling modifications may be required. For molded part densities below 32 g/L (2.0 pcf), double-pass expansion will be required to attain desired bulk densities.

Order this product through the following link:

http://www.lookpolymers.com/polymer_NOVA-Chemicals-Arcel-730-LV-Resin-70-Polystyrene30-Polyethylene.php

Physical Properties	Metric	English	Comments
Density	0.0272 g/cc	0.000983 lb/in ³	Expectation from Double Pass Expansion
	0.0288 g/cc	0.00104 lb/in ³	Expectation from Batch Expansion
	0.0320 g/cc	0.00116 lb/in ³	Expectation from Single Pass Expansion
Volatiles	8.5 %	8.5 %	Average VOC Content
Particle Size	800 - 1700 µm	800 - 1700 µm	98% within range

Descriptive Properties	Value	Comments
Color	Natural (white)	
Shape	Spherical	
Storage	Max. 4°C (40°F)	

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