

Polimeri Europa Extir® D 3000 AE Expandable Polystyrene - Flame Retardant

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

Material Notes:

Product Description:Extir D 3000 AE is a flame-retardant expandable polystyrene in the form of spherical beads of medium particle size, containing pentane as blowing agent.Extir does not contain CFC or HCFC.Extir D 3000 AE is used for production of shaped moldings with sections higher than 8 mm or medium density blocks. This grade is characterized by fast molding cycles, good fusion and low energy needs combined with a high mechanical strength and a good surface finishing.**Applications:** Extir D 3000 AE is used mainly in medium section, medium / high density packaging where, for legislative or safety reasons, the use of flame retardant material is required. It is also suitable for the production of skin molded articles.Typical applications are industrial packaging, e.g. cathode ray tube protection medium-high density blocks for thermal insulation molded panels for underfloor heating molded insulating drainage panels molded or block-cut building components Information provided by Polimeri Europa.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Polimeri-Europa-Extir-D-3000-AE-Expandable-Polystyrene-Flame-Retardant.php

Physical Properties	Metric	English	Comments
Bulk Density	0.590 - 0.630 g/cc	0.0213 - 0.0228 lb/in ³	
Density	>= 0.0160 g/cc	>= 0.000578 lb/in ³	Minimum apparent density on a discontinuous pre-expander
	>= 0.0180 g/cc	>= 0.000650 lb/in ³	Minimum apparent density on a continuous pre-expander after one expansion
	0.0170 - 0.0350 g/cc	0.000614 - 0.00126 lb/in ³	Density range normally used
Particle Size	600 - 1000 µm	600 - 1000 µm	

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