

Polimeri Europa Extir® D 5000 AE Expandable Polystyrene - Flame Retardant

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

Material Notes:

Product Description:Extir D 5000 AE is a flame-retardant expandable polystyrene in the form of spherical beads of medium-large particle size, containing pentane as blowing agent.Extir does not contain CFC or HCFC.Extir D 5000 AE is used for production of blocks for the thermal insulation sector. It 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 5000 AE is used mainly in the construction sector where, for legislative or safety reasons, the use of flame retardant material is required.Typical applications are blocks, especially for external thermal insulation medium-high density elasticized blocks for impact sound absorption (Trittschall) void formers, trough formers and culvert formers cut from block blocks or slabs for road foundations and civil construction Information provided by Polimeri Europa.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Polimeri-Europa-Extir-D-5000-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	>= 0.0110 g/cc	>= 0.000397 lb/in ³	Minimum apparent density on a continuous pre-expander after two expansions
	>= 0.0160 g/cc	>= 0.000578 lb/in ³	Minimum apparent density on a discontinuous pre-expander
	>= 0.0160 g/cc	>= 0.000578 lb/in ³	Minimum apparent density on a continuous pre-expander after one expansion
	0.0120 - 0.0300 g/cc	0.000434 - 0.00108 lb/in ³	Density range normally used
Particle Size	900 - 1400 µm	900 - 1400 µm	

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