

SABIC EPS 550FF Expandable Polystyrene

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

Material Notes:

Product Description: Fire retardant expanded Polystyrene EPS 550FF is manufactured by the suspension polymerization of styrene monomer. The polymerization is generally carried out in a batch process and it contains a fire retarding additive in the formulation. EPS 550FF is an expandable polystyrene grade supplied in free-flowing beads containing pentane (CFC free) as a foaming agent. Typical

Applications: EPS 550FF grade is used for shape molding with wall thickness greater than 10 mm and for block molding with medium-to-high density for thermal insulation in the construction industry. EPS 550FF has retarded ignitability and the moldings made from it will conform to the requirement of DIN 53438 class K1 and K2. Information provided by SABIC.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-EPS-550FF-Expandable-Polystyrene.php

Physical Properties	Metric	English	Comments
Density	0.0160 - 0.0300 g/cc	0.000578 - 0.00108 lb/in ³	Normal range, one pre-expansion
Bead Size	0.600 - 1.10 mm	0.0236 - 0.0433 in	

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