

IRPC Polimaxx Pentfoam 355E Expandable Polystyrene

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

Material Notes:

GENERAL: PENTFOAM "355E" IS A SELF EXTINGUISHING (SE) GRADE EXPANDABLE POLYSTYRENE (EPS) CONTAINING PENTANE AS BLOWING AGENT. THIS GRADE IS DEVELOPED TO MEET THE DEMAND FOR FAST EXPANSION RATE AND SHORT PRESSURE RELEASE TIMES IN BLOCK MOLDING. APPLICATIONS: PENTFOAM "355E" IS PARTICULARLY WELL SUITED FOR THE MANUFACTURE OF SELF EXTINGUISHING EPS INSULATION BOARDS, BLOCK MOLDING MACHINES. THIS GRADE IS ALSO WIDELY USED FOR THE PRODUCTION OF PACKAGING PRODUCTS (NOT FOOD PACKAGING), WHERE SE PROPERTIES WILL BE ADVANTAGEOUS.

Order this product through the following link:

http://www.lookpolymers.com/polymer_IRPC-Polimaxx-Pentfoam-355E-Expandable-Polystyrene.php

Physical Properties	Metric	English	Comments
Density	0.0140 - 0.0150 g/cc	0.000506 - 0.000542 lb/in ³	
	0.0180 - 0.0300 g/cc	0.000650 - 0.00108 lb/in ³	molding density range
Bead Size	0.630 - 1.12 mm	0.0248 - 0.0441 in	
Maximum Moisture Content	0.20	0.20	

Mechanical Properties	Metric	English	Comments
K Factor (Wear Factor)	54.5 - 58.5	54.5 - 58.5	

Chemical Properties	Metric	English	Comments
Blowing Agent Content	>= 5.6 %	>= 5.6 %	

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