

IRPC Polimaxx Pentfoam 522F Expandable Polystyrene

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

Material Notes:

GENERAL: PENTFOAM "522F" IS A REGULAR GRADE (STANDARD GRADE) EXPANDABLE POLYSTYRENE (EPS) CONTAINING PENTANE AS BLOWING AGENT. THIS GRADE IS DEVELOPED TO MEET THE DEMAND FOR FAST MOLDING CYCLES IN VACUUM MOLDING MACHINES AND CONVENTIONAL MOLDING MACHINES. APPLICATIONS: PENTFOAM "522F" IS PARTICULARLY WELL SUITED FOR THE MANUFACTURE OF EPS PACKING PRODUCTS, WITH PART WALL THICKNESS LESS THAN 7 MM.

Order this product through the following link:

http://www.lookpolymers.com/polymer_IRPC-Polimaxx-Pentfoam-522F-Expandable-Polystyrene.php

Physical Properties	Metric	English	Comments
Density	0.0180 - 0.0200 g/cc	0.000650 - 0.000723 lb/in ³	
	0.0400 - 0.0800 g/cc	0.00145 - 0.00289 lb/in ³	molding density range
Bead Size	0.400 - 0.900 mm	0.0157 - 0.0354 in	
Maximum Moisture Content	0.20	0.20	

Mechanical Properties	Metric	English	Comments
K Factor (Wear Factor)	55.5 - 57.5	55.5 - 57.5	

Chemical Properties	Metric	English	Comments
Blowing Agent Content	>= 5.3 %	>= 5.3 %	

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