

## IRPC Polimaxx Pentfoam 455E Expandable Polystyrene

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

### Material Notes:

GENERAL: PENTFOAM "455E" IS A SELF EXTINGUISHING (SE) GRADE EXPANDABLE POLYSTYRENE (EPS) CONTAINING PENTANE AS BLOWING AGENT. THIS GRADE IS DEVELOPED TO MEET THE DEMAND FOR FAST CYCLES IN VACUUM MOLDING MACHINES AND CONVENTIONAL MOLDING MACHINES. APPLICATIONS: PENTFOAM "455E" IS PARTICULARLY WELL SUITED FOR THE MANUFACTURE OF EPS PACKAGING PRODUCTS, WITH PART WALL THICKNESS LESS THAN 10 MM. AND WHERE SE PROPERTIES ADVANTAGEOUS. SE GRADES CAN GENERALLY NOT BE USED IN FOOD PACKAGING.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_IRPC-Polimaxx-Pentfoam-455E-Expandable-Polystyrene.php](http://www.lookpolymers.com/polymer_IRPC-Polimaxx-Pentfoam-455E-Expandable-Polystyrene.php)

Physical Properties	Metric	English	Comments
Density	0.0160 - 0.0170 g/cc	0.000578 - 0.000614 lb/in <sup>3</sup>	
	0.0240 - 0.0400 g/cc	0.000867 - 0.00145 lb/in <sup>3</sup>	molding density range
Bead Size	0.400 - 0.710 mm	0.0157 - 0.0280 in	
Maximum Moisture Content	0.20	0.20	

Mechanical Properties	Metric	English	Comments
K Factor (Wear Factor)	54 - 58	54 - 58	

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

## Contact Songhan Plastic Technology Co.,Ltd.

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