

## IRPC Polimaxx Pentfoam 291L Expandable Polystyrene

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

### Material Notes:

**General:** Pentfoam 291L is a regular grade expandable polystyrene containing pentane as blowing agent. This grade is developed to meet the demand for fast molding cycles in vacuum machine. **Applications:** Pentfoam 291L is particularly well suited for the manufacture of EPS insulation boards, block molded or product in continuous moulding machines. This grade is also widely used for the production of low density decoration products, and road construction block.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_IRPC-Polimaxx-Pentfoam-291L-Expandable-Polystyrene.php](http://www.lookpolymers.com/polymer_IRPC-Polimaxx-Pentfoam-291L-Expandable-Polystyrene.php)

Physical Properties	Metric	English	Comments
Density	0.0130 - 0.0140 g/cc	0.000470 - 0.000506 lb/in <sup>3</sup>	
	0.0140 - 0.0250 g/cc	0.000506 - 0.000903 lb/in <sup>3</sup>	molding density range
Bead Size	0.800 - 1.60 mm	0.0315 - 0.0630 in	
Maximum Moisture Content	0.20	0.20	

Mechanical Properties	Metric	English	Comments
K Factor (Wear Factor)	56 - 58	56 - 58	

Chemical Properties	Metric	English	Comments
Blowing Agent Content	>= 6.0 %	>= 6.0 %	

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