

BorsodChem ONGROSTYR F-I Expandable Polystyrene (EPS)

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

Material Notes:

ONGROSTYR F-I is an expandable, flame-retardant styrene homopolymer, produced by suspension polymerization. The product meets the requirements of DIN 4102 and of B1 class of building materials, i.e. "low inflammability grade". Field of application: ONGROSTYR F-I is suitable for traditional and vacuum molded processing. The minimum apparent density of the end-product is 20 kg/m³. This type is recommended for industrial packaging with 5-10 mm thickness, and decorative panels. It is not for food packaging, when it is in direct contact with the food. Information provided by BorsodChem Rt.

Order this product through the following link:

http://www.lookpolymers.com/polymer_BorsodChem-ONGROSTYR-F-I-Expandable-Polystyrene-EPS.php

Physical Properties	Metric	English	Comments
Apparent Bulk Density	0.550 - 0.650 g/cc	0.0199 - 0.0235 lb/in ³	MSZ ISO 60:1994
Particle Size	500 - 850 µm	500 - 850 µm	min 92%; BC HSZ 326:2001/1 screening
Viscosity	1.7 cP	1.7 cP	Ubbelohde viscosity meter

Descriptive Properties	Value	Comments
Blowing agent content (pentane),%	5.5 - 6.5	
Residual Monomer Content max %	0.2	
Water Content, %, max	1.4	

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