

BorsodChem ONGROSTYR F-III Expandable Polystyrene (EPS)

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

Material Notes:

ONGROSTYR F-III 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-III is suitable for traditional and vacuum molded processing. The minimum apparent density of the end-product is 10 kg/m³. This type is recommended for insulation in the building industry and for industrial packaging. 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-III-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	1000 - 1700 µm	1000 - 1700 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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