

## BorsodChem ONGROSTYR F-IV Expandable Polystyrene (EPS)

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

### Material Notes:

ONGROSTYR F-IV 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-IV is suitable for traditional and vacuum molded processing. The minimum apparent density of the end-product is 12 kg/m<sup>3</sup>, by post-foaming it is 8 kg/m<sup>3</sup>. This type is recommended for insulation in the building industry and for light blocks with recycled flame retardant EPS and sound absorbing flooring sheets. Information provided by BorsodChem Rt.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_BorsodChem-ONGROSTYR-F-IV-Expandable-Polystyrene-EPS.php](http://www.lookpolymers.com/polymer_BorsodChem-ONGROSTYR-F-IV-Expandable-Polystyrene-EPS.php)

Physical Properties	Metric	English	Comments
Apparent Bulk Density	0.550 - 0.650 g/cc	0.0199 - 0.0235 lb/in <sup>3</sup>	MSZ ISO 60:1994
Particle Size	1700 - 2800 µm	1700 - 2800 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	

## Contact Songhan Plastic Technology Co.,Ltd.

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