

Axion Polymers Axplas® PS04 0000 Mixed Polystyrene Granules with FR

Category : Polymer , Renewable/Recycled Polymer , Thermoplastic , Polystyrene (PS) , Polystyrene, Flame Retardant

Material Notes:

The PS04 series of clean, mixed polystyrene granular chips offers a low-cost option for manufacturers to add post-consumer, engineering polymers to a wide range of products. The polymer mix includes a high proportion of styrenic thermoplastics including PS, HIPS, ABS and traces of PC/ABS. The Axplas® PS04 product is produced under strict quality control procedures and is consistently free from metal and other contaminants. The origin of the material means that this granular fraction contains a higher level of brominated flame retardants than our fully compounded resins - a factor which some users see as a potential benefit in the end-use application of the material. Produced from 100% post-consumer raw materials, this product fits closely with Axion's other recycled resin grades and offers the same set of user benefits, including: Huge savings in CO2 impact Appeals to 'greener' customers Cost-down on raw material The Axplas PS04 chips have a particle size range with 90% of mass between 2-8 mm. Information provided by Axion Recycling

Order this product through the following link:

http://www.lookpolymers.com/polymer_Axion-Polymers-Axplas-PS04-0000-Mixed-Polystyrene-Granules-with-FR.php

Physical Properties	Metric	English	Comments
Bulk Density	0.600 g/cc	0.0217 lb/in ³	
Density	1.14 g/cc	0.0412 lb/in ³	
Melt Index of Compound	8.0 g/10 min @Load 5.00 kg, Temperature 200 °C	8.0 g/10 min @Load 11.0 lb, Temperature 392 °F	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	30.0 MPa	4350 psi	
Izod Impact, Unnotched (ISO)	5.00 kJ/m ²	2.38 ft-lb/in ²	

Descriptive Properties	Value	Comments
Br Level	0.08	
Visual Appearance	Mixed Dark Colored	

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