

AXPLAS®

PS11 0000 Impact Modified Polystyrene

Description:

The PS11 series of clean polystyrene granular chips offers a low-cost option for manufacturers to add post-consumer, engineering polymers to a wide range of products. The Axplas® PS11 range of resin compounds are processed to a high purity and give consistent material properties during injection moulding and sheet extrusion.

Source:

Unique separation and sorting technologies enable Axplas® PS11 resins to be produced from post-consumer raw material feedstocks collected from waste recycling schemes. All production batches are traceable back to the origin of the raw material as part of the certified manufacturing process.

Quality Control:

Every tonne of every batch is made under our strict quality control procedures and is consistently free from metal and other contaminants.

Environment:

Produced from 100% post-consumer raw materials, this product fits closely with our other recycled resin grades and offers the same set of user benefits, including:

- Huge savings in CO₂ impact - 93% less
- Appeals to 'greener' customers
- Cost-down on raw material
- Saves the Planet!

Axplas® is available in 1 tonne polyester big bags on a pallet, other formats possible on request.



PARAMETER	TYPICAL PROPERTIES
MFI (5 kg @ 200°C)	6 g / 10 mins
Density	1.03 g / cm ³
Tensile Strength	30 MPa
Impact	10 kj / m ²
Visual Appearance	Mixed dark coloured
Bulk Density	600 kg / m ³
Particle Size	<8mm

Axion Polymers

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Notes: All grades are assessed to ISO Standards, and are REACH ready

