

AXPOLY®

PS11 1000 Impact Modified Polystyrene

Description:

High quality polymer resin for use in injection moulding or sheet extrusion applications. The very consistent and reliable material properties of this dark grey, impact resistant plastic make it the primary choice of leading manufacturers when replacing virgin material in consumer goods.

Source:

Unique separation and sorting technologies enable Axpoly® 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 ISO9001 QC system to ensure that customers are confident about the reliable and consistent performance of the polymer during thermoforming and moulding operations. Customer feedback confirms that end products are 'better than virgin' in many aspects, such as dimensional stability, surface finish and price per mould impression.

Environment:

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

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

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

Axion Polymers

Langley Road South, Salford, M6 6HQ

Telephone: (+44) 161 737 6124

Email: info@axionpolymers.com

Notes: All grades are assessed to ISO standards and are REACH ready



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

