

AXPOLY®

PP19 1022 Polypropylene resin grade with 30% glass fibre - Black

Description:

Axpoly® PP19 1022 is a high-performance grade of black homopolymer Polypropylene that has been reinforced with 30% glass fibre. The material exhibits excellent rigidity and strength and is designed for use in a variety of demanding end-use injection moulding applications.

Source:

Axpoly® PP19 resins are produced from post industrial waste feedstocks. These are processed through a sophisticated decontamination line prior to final compounding and pellet production. 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. The polymer physical properties shown opposite can be repeated or modified to satisfy individual customer requirements in a tailor made resin grade.

Environment:

Produced from 100% post-industrial 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 - at least 80%
- 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

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



PARAMETER	ISO	SPEC		TYPICAL PROPERTIES
		Min	Max	
MFI (2.16 kg @ 230°C)	1133	4	8	5.2 g / 10 mins
Density	1183-1	1.1	1.25	1.16 g / cm ³
Tensile Strength	527 -1/2	20	35	28 MPa
Impact Strength	180	5	9	7.4 kj / m ²
Moisture Content	%	<0.25%		0.17%
Elongation @ break	527 -1/2	5%	15%	6.5%
Pellet Size	mm	2mm	4mm	3mm

