Draft Product Information Sheet

PP19 1022

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ISSUE REF: 2

AXPOLY®

Development Grade - PP19 1022 - Black

Description:
Axpoly® PP19 1022 is a high performance polypropylene composite reinforced with 30% glass fibre. The material exhibits excellent rigidity and strength and is designed for use in a variety of demanding end-use applications.

Processing method: injection moulding

Source:
Axpoly® PP19 resins are produced from post-consumer or 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.

Development Status:
This product is the first-off production of a new line of glass-fibre reinforced Polypropylene resin for Axion. The initial physical properties are typical and we will prepare a more detailed set of specified data as we gain experience of processing more batches. Customers wishing to take part in the early market testing of this material can be leaders in enjoying the benefits of this exciting new product.

Environment:
Produced from 100% post-consumer or 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 CO_2 impact
- 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.

PARAMETER	ISO	SPEC Min	SPEC Max	TYPICAL PROPERTIES
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

Disclaimer: As a development grade, this product is not currently produced under our ISO9001 standards. The physical properties shown above could vary as we build up experience of recycling this material.

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