

## AXPOLY®

PP19 1021 High melt flow Polypropylene - Black

### Description:

Axpoly® PP19 1021 is a high performance polypropylene composite filled with 30% talc. The material combines excellent rigidity with high flow capability and is designed for use in a variety of demanding end-use applications.

Processing method: injection moulding

### Source:

Axpoly® PP19 resins to be produced from both post-consumer and industrial waste feedstocks depending on availability. 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 talc-filled 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 and/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<sub>2</sub> 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.

## Axion Polymers

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



PARAMETER	ISO	SPEC		TYPICAL PROPERTIES
		Min	Max	
MFI (2.16 kg @ 230°C)	1873	7	15	50 g / 10 mins
Density	1183-1	1.05	1.15	1.11 g / cm <sup>3</sup>
Tensile Strength	527 -1/2	16	26	21 MPa
Impact Strength	180	5	9	7.1 kJ / m <sup>2</sup>
Moisture Content	%	<0.25%		0.17%
Elongation @ break	527 -1/2	30%	50%	38%
Pellet Size	mm	2mm	4mm	3mm

