

## AXPOLY®

PP19 1021 Polypropylene resin grade with 30% talc - Black

### Description:

Axpoly® PP19 1021 is a high performance black homo-polymer Polypropylene grade filled with 30% talc. The material offers improved rigidity and is designed for use in a variety of demanding end-use applications.

### Source:

Axpoly® PP19 resins are produced from post industrial waste feedstocks. All production batches are traceable back to the origin of the raw material as part of the certified manufacturing process.

### Quality Control:

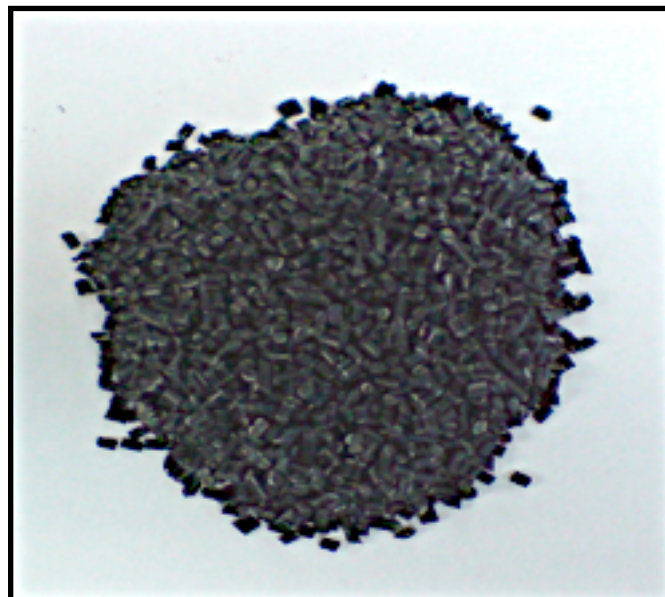
Every tonne of every batch is made under our strict ISO9001 QC system to ensure that customers are confident about the reliable and consistent performance of the polymer during thermoforming and moulding operations. The polymer physical properties shown opposite can be repeated or modified to satisfy 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 CO<sub>2</sub> 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.



PARAMETER	ISO	SPEC		TYPICAL PROPERTIES
		Min	Max	
MFI (2.16 kg @ 230°C)	1873	7	15	11 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

## Axion Polymers

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

