

Axpoly® PP19 1014

Polypropylene Homopolymer

Axion Polymers

Message:

PP19 1014 High melt flow Polypropylene resin grade Black

Axpoly® PP19 1014 is a high-performance black homo-polymer Polypropylene grade, that has a high melt flow index. Good melt-flow rheology is needed in products with thin walls and where fast cycle time is key to the injection moulding operation.

Produced from 100% post industrial raw materials, this product fts 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 - at least 80%
- Appeals to 'greener' customers
- Cost-down on raw material

General Information			
Recycled Content	Yes		
Features	Fast Cure		
	High Flow		
	Homopolymer		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Appearance	Black		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.970	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	50	g/10 min	ISO 1133
Water Absorption (Equilibrium, 23°C, 50% RH)	0.17	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	23.0	MPa	ISO 527-2
Tensile Strain (Break)	30	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact Strength	6.7	kJ/m²	ISO 180
Additional Information	Nominal Value	Unit	
Pellet Size	3.00	mm	

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Recommended distributors for this material

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