

Axpoly® r-PP51 1047

Polypropylene Copolymer

Axion Polymers

Message:

r-PP51 1047 Black Copolymer Injection Moulding Grade

Axpoly® r-PP51 1047 polypropylene is a high performance polymer made from recycled automotive materials. The polymer has tightly controlled physical properties to meet the specific needs of end user applications such as moulded parts for motor vehicles. Produced from 100% post-consumer 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
- Can help to reduce your carbon footprint

General Information		
Recycled Content	Yes	
Features	Copolymer	
Uses	Automotive Applications	
Agency Ratings	EC 1907/2006 (REACH)	
RoHS Compliance	RoHS Compliant	
Appearance	Black	
Forms	Pellets	
Processing Method	Injection Molding	
Physical	Nominal Value	Unit
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.0	g/10 min
Mechanical	Nominal Value	Unit
Tensile Stress	20.0	MPa
Tensile Strain (Break)	100	%
Impact	Nominal Value	Unit
Unnotched Izod Impact Strength	9.0	kJ/m²
Additional Information	Nominal Value	Unit
Pellet Size	3.00	mm

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Recommended distributors for this material

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