



AXPOLY® PP51 1000

Product information sheet: Black copolymer polypropylene resin

Description: This 100% recycled polymer is a general purpose injection moulding compound suitable for a wide range of shaped products. Its consistent polymer properties are combined with reliable performance to deliver cost efficiencies without compromising on quality.

Product physical properties

Product grade: Axpoly® PP51 1000

Test parameter	Method	Unit	Value
Physical properties			
Density	ISO 1183	g/cm ³	0.96
Rheological properties			
Melt Flow (2.16 kg @ 230°C)	ISO 1133	g/10mins	6
Mechanical properties			
Tensile strength (@ 23°C)	ISO 527	MPa	20
Flexural Modulus (@ 23°C)	ISO 178	MPa	1000
Notched Izod Impact strength (@ 23°C)	ISO 180	kJ/m ²	9

Please note this polymer is not approved for use in food, medical or toy applications. All grades are tested to ISO standards, and certified as ROHS and REACH compliant.

All Axpoly polymers are tested and have proven to be well below the permitted POPs levels of 500ppm for articles and mixtures, and do not contain phthalates.



The data is provided as a guide only and does not create any liability, warranty or guarantee of performance. The values may vary from the above information and do not indicate specific limits. This document does not create any liability, warranty or guarantee of product performance. It is the buyer's responsibility to determine the suitability of the material for the end application.

www.axiongroup.co.uk/AxpolyPolypropylene

Indigo Street, Off Langley Road South, Salford. M6 6RX
 Tel. +44 161 737 6124
 E. info@axionpolymers.com