



## 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 <sup>3</sup>	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 <sup>2</sup>	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.



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[www.axiongroup.co.uk/AxpolyPolypropylene](http://www.axiongroup.co.uk/AxpolyPolypropylene)

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