



## AXPOLY® ABS52 1003

Product information sheet: Black ABS resin grade

**Description:** High quality injection moulding compound with improved impact strength suitable for complex technical shapes and load bearing parts with good surface finish. Example applications are engineering components in construction products and durable vehicle parts.

Export tariff code: 3903300000

### Product physical properties

Product grade: Axpoly® ABS52 1003

Test parameter	Method	Unit	Value
Physical properties			
Density	ISO 1183	g/cm <sup>3</sup>	1.08
Rheological properties			
Melt Flow (10 kg @ 220°C)	ISO 1133	g/10mins	25
Mechanical properties			
Tensile strength (@ 23°C)	ISO 527	MPa	33
Flexural Modulus (@ 23°C)	ISO 178	MPa	2500
Notched Izod Impact strength (@ 23°C)	ISO 180	kJ/m <sup>2</sup>	5.0

**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.



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

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