AXION POLYMERS

AXPOLY® ABS52 1007

Product information sheet: Black ABS resin grade made from 100% End of Life Vehicles (ELV)

Description: This recycled polymer is a high quality injection moulding compound 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. This grade is 96% post-consumer polymer blended with additives to improve the material properties.

Export tariff code: 3903300000

Product physical properties

Product grade: Axpoly® ABS52 1007

Test parameter	Method	Unit	Value
Physical properties			
Density	ISO 1183	g/cm^3	1.075
Rheological properties			
Melt Flow (10 kg @ 220°C)	ISO 1133	g/10mins	22
Mechanical properties			
Tensile strength (@ 23°C)	ISO 527	MPa	37
Flexural Modulus (@ 23°C)	ISO 178	MPa	2750
Notched Izod Impact strength (@ 23°C)	ISO 180	kJ/m^2	>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.

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.

LRQA CERTIFIED ISO 9001

www.axiongroup.co.uk/AxpolyABS

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

AXION POLYMERS IS PART OF S. Norton Responsible Recycling