



AXPOLY® ABS52 1013

Product information sheet: High impact, 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 1013

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	7.0

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.



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