

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.

Product physical properties

Product grade: Axpoly® ABS52 1003

Test parameter	ISO standard	Mean value	Units
MFI (10 kg @ 220°C)	1133	23	g/10mins
Density	1183 -1	1.078	g/cm ³
Tensile strength	527 - 1/2	33	MPa
Impact strength	180	5.6	kJ/m ²
Elongation @ break	527 - 1/2	18	%
Flexural Modulus	178	2400	MPa

Please note this polymer is not approved for use in food, medical or toy applications.



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