

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 | 30 | g/10mins |
| Density | 1183 -1 | 1.08 | g/cm ³ |
| Tensile strength | 527 - 1/2 | 31 | MPa |
| Impact strength | 180 | 8 | kJ/m ² |
| Elongation @ break | 527 - 1/2 | 11 | % |
| Flexural Modulus | 178 | 2530 | MPa |

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



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