

Material

POM PO005501

Revision Index
02

Revision Date
05.02.2024

General Data

Colour: black

Physical Properties

	Nominal Range	Typical Value	
Density ASTM D792	1.41 +0.02 /-0.03	1.41	g/cm ³
Tensile strength ASTM D638		65	MPa
Elongation at break ASTM D638		45	%
Flexural modulus ASTM D790		2700	MPa
Flexural strength ASTM D790		97	MPa
Melting point ASTM D1525		166	°C
Notched impact strength ASTM D256, 23 °C, Izod		55	J/m
Melting index ASTM D1238	>27		g/10'
Heat Deflection Temperature ASTM D648, HDT/A 1,82 Mpa		110	°C

The given values are based on a limited number of tests on standard test pieces (2mm sheets) produced in the laboratory. The data from finished parts can deviate from above values depending on the manufacturing process and the component geometry. The data represents our present empirical values. It is incumbent on the person placing the order to examine whether it is suitable for its intended purpose, before using the product. All questions regarding the guarantee of this product are in line with our terms and conditions, inasmuch as statutory provisions do not plan for something else.

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