

Material

POM PO007601

natural

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Physical properties

	nominal range	typical values	
Density DIN 53479, 23 °C	1.41 ±0.02	1.41	g/cm ³
Hardness DIN 53505, Shore D, 23 °C	82 ±5	82	Shore
Tensile Stress at Yield DIN EN ISO 527	---	68	MPa
Elongation at break DIN EN ISO 527, 23 °C	---	35	%
Notched impact strength ISO 179, 23 °C, Pendel / Pendular 1J	---	10	kJ/m ²
Dielectrical strength IEC 60243-1	---	40	kV/mm
Ball indentation hardness DIN EN ISO 2039-1, 23 °C	---	150	MPa
Melting point	---	165	°C

Declarations of conformity

This overview is purely informative and does not constitute a declaration of conformity (DoC). Please refer to the actual declaration of conformity (DoC) including the conditions and its validity period.

	Country	Part	Remark	Expires
Info ROHS and ELV			EU 2000/53 (ELV) including EU 2011/65 and EU2015/863 (ROHS III)	see DoC

Freudenberg

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No ASTM D2000 properties available

The given values are based on a limited number of tests on standard test pieces (2mm sheets). 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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