Material
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black

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Physical properties	**typical values**	
Density DIN EN ISO 1183-1, 23 °C	1.24	g/cm³
Hardness DIN ISO 7619-1, Shore A, 23 °C	85	Shore
Micro hardness DIN ISO 48	86	IRHD
Modulus 100 %, DIN 53504, S2, 23 °C	13.5	MPa
Modulus 100 %, DIN 53504, R1, 23 °C	---	MPa
Tensile strength DIN 53504, S2, 23 °C	21.9	MPa
Tensile strength DIN 53504, R1, 23 °C	---	MPa
Elongation at Break DIN 53504, S2, 23 °C	160	%
Elongation at Break DIN 53504, R1, 23 °C	---	%
Tear strength DIN ISO 34-1, B, 23 °C	17	KN/m
Compression set DIN ISO 815, B, 24 h, 70 °C, 25 %	10	%
Compression set DIN ISO 815, B, 70 h, 100 °C, 25 %	22	%
Low Temperature DIN 53545, TR	-12	°C
Low Temperature resistance DIN 53546, Brittleness	-30	°C
Low Temperature ISO 11357-2, DSC	-20	°C

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Declarations of conformity
No data found!

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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) produced in the laboratory. The data from finished parts can deviate from above values depending on the manufactories 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 provisons do not plan for something else.

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