

Material

PTFE K212

black

carbon filled polytetrafluoroethylene

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Physical properties

	typical values	
Density DIN EN ISO 1183-1, 23 °C	2.10	g/cm ³
Hardness DIN ISO 7619-1, Shore D, 23 °C, 3 sec.	65	Shore
Ball indentation hardness DIN EN ISO 2039-1, 23 °C	37	MPa
Tensile strength on basis of DIN EN ISO 527, SPI, 23 °C, UR	15	MPa
Elongation at break on basis of DIN EN ISO 527, SPI, 23 °C	180	%
Durchgangswiderstand 500 V, 23 °C, 50 %	1,2 E +04	Ohm
Surface resistivity DIN EN 62631-3-2 (VDE 0307-3-2) Ausgabe 2016, 50 %, 23 °C	1,9 E +05	Ohm

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
ADI Free			see certificate	see DoC
Conflict Mineral Free			see certificate	see DoC
RoHS conform			including EU 2011/65 and EU2015/863 (ROHS III)	see DoC

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No ASTM D2000 properties available

The given values are based on a limited number of tests on standard test pieces 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 provisions do not plan for something else.

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