

Material PTFE K212

Revision Index
04

Revision Date
04.11.2019

General Data

Colour: black
Filler: carbon, %

Physical Properties

	Nominal Range	Typical Value
Density DIN EN ISO 1183-1, 23 °C	2.1	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 at break 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	%
Volume resistance r_d DIN EN 62631-3-1 (VDE 0307-3-1) Ausgabe 2016, 23 °C, rel. Feuchte 50 %, 500 V, spez.	1,2 E +04	Ohm
Surface resistivity DIN EN 62631-3-2 (VDE 0307-3-2) Ausgabe 2016, rel. Feuchte 50 %, 23 °C	1,9 E +05	Ohm

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 provisions do not plan for something else.

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