

Material

PTFE G-FLON

revision index
1

revision date
6/18/2014

page 1 / 2

Physical properties

	nominal range	typical values	
Density ASTM D297, 23 °C	2.20 - 2.3	---	g/cm ³
Hardness ASTM D2240, Shore D, 23 °C	> 55	---	Shore
Tensile strength ASTM D4745, 23 °C	> 18	---	MPa
Elongation at break ASTM D4745, 23 °C	> 230	---	%
Deformation under load accordance with ASTM D 621, 23 °C, 24 h, 14 N/mm ² , PR	< 8	---	%
Permanent deformation accordance with ASTM D 621, 23 °C, PR	< 4	---	%
Temperature range	-200°C to 260°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
Conflict Mineral Free				see DoC

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Material PTFE G-FLON

revision index

1

revision date

6/18/2014

page

2 / 2

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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