DICHTOMATIK

FREUDENBERG
SEALING TECHNOLOGIES

Material
PTFE T591Q

Version	Released on
01	15.09.2021

General Data

Colour: White

Physical Properties	**Nominal Range**	**Typical Value**	
Density ASTM D792, 20 °C		2.18	g/cm³
Hardness ASTM D2240, Shore D, 15 seconds		59	Shore
Tensile strength at break ASTM D 638, ASTM D1708, speed 0,8 mm/s		29	MPa
Elongation at break ASTM D 638, ASTM D1708, Speed 0,8 mm/s		320	%
Compressive strength ASTM D695, 1% Deformation		4.5	MPa

Temperature Range

static: -196 to 250 °C

This data sheet supersedes all previous versions. The content is subject to change without prior notice. 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 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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