DICHTOMATIK

FREUDENBERG
INNOVATING TOGETHER

Technical data sheet in accordance with ASTM (extended

Material
PTFE PT007004
white

revision index	revision date		
1	11/7/2017	**page**	1 / 3

Physical properties	nominal range	typical values	
Density ASTM D 792, 23 °C	2.16 ±0.02	2.16	g/cm³
Hardness ASTM D2240, Shore D, 23 °C	50 ±5	50	Shore
Tensile strength ISO 527, 23 °C	---	24	MPa
Elongation at break ISO 527, 23 °C	---	250	%
Compressive Strength ASTM D 695, 1 % Deformation, 24 h, 23 °C	---	5	MPa
Deformation under load accordance with ASTM D 621, 23 °C, 24 h, 13.7 N/mm²	---	17	%
Deformation under load accordance with ASTM D 621, 260 °C, 24 h, 41 N/mm²	---	32	%
Impact strength ASTM D 256, Izod	---	153	kJ/m²
Dielectrical strength ASTM D 149, 0,5mm Probendicke	---	40	kV/mm
Abrasion 10, ASTM D 3702	---	2900	mm³
Durchgangswiderstand 23 °C	---	1e+019	Ohm
Surface resistivity ASTM D 257, 23 °C	---	1e+018	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
Info ROHS and ELV		EU 2000/53 (ELV) including EU 2011/65 and EU2015/863 (ROHS III)	see DoC

Freudenberg

Freudenberg Industrial Services GmbH
Global Material Technology
Nadja Güldner
Telefon: -
Fax: -
Email: FIS.Compound.CRC@fst.com

Technical data sheet in accordance with ASTM (extended

Material
PTFE PT007004
white

revision index	revision date		
1	11/7/2017	page	2 / 3

Country	Part	Remark	Expires

Freudenberg
Freudenberg Industrial Services GmbH
Global Material Technology
Nadja Güldner
Telefon: -
Fax: -
Email: FIS.Compound.CRC@fst.com

Technical data sheet in accordance with ASTM (extended

Material
PTFE PT007004
white

revision index	revision date		
1	11/7/2017	**page**	3 / 3

No ASTM D2000 properties available

The given values are based on a limited number of tests on standard test pieces (2mm sheets). 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.

Freudenberg

Freudenberg Industrial Services GmbH
Global Material Technology
Nadja Güldner
Telefon: -
Fax: -
Email: FIS.Compound.CRC@fst.com