

Material PTFE V050

white

revision index

2

revision date

3/18/2024

page

1 / 2

Physical properties

	nominal range	typical values	
Density DIN EN ISO 1183-1, 23 °C	---	2.16	g/cm ³
Hardness DIN ISO 7619-1, Shore D, 23 °C, nach 3 sek	---	58	Shore
Tensile strength on basis of DIN EN ISO 527, SPI, 23 °C, UR	---	31.8	MPa
Elongation at break on basis of DIN EN ISO 527, SPI, 23 °C	---	298	%

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
(EG) 10/2011	EU		food	see DoC
(EG) 2023/2006 (GMP)	EU		(EG) 2023/2006 (GMP)	see DoC
ADI Free			see certificate	see DoC
BPA/Phthalate free			BPA/Phthalate free	see DoC
CMR Category 1A/1B free			see certificate	see DoC
Conflict Mineral Free			see certificate	see DoC
FDA	USA	Seals	§ 177.1550	see DoC
Info ROHS and ELV			EU 2000/53 (ELV) including EU 2011/65 and EU2015/863 (ROHS III)	see DoC
PFOA / PFOS free			see certificate	see DoC

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revision index
2

revision date
3/18/2024

page 2 / 2

No ASTM D2000 properties available

The material has passed the STANDARDS FOR ACCEPTABILITY enumerated in Section H, subsection H1, H2, H3 and H4 of 3-A Sanitary Standards for Multiple-Use Plastic materials, number 20-26.

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.

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