Material
PTFE F56110

Version	Released on
04	30.09.2025

General Data

Colour: Black

Physical Properties	**Nominal Range**	**Typical Value**	
Density DIN 53479 T1, 23 °C	2.15 ±0.03	2.14	g/cm³
Hardness ASTM D 2240 Typ D, Shore D, 23 °C, cylinder diameter 50x50 mm, after 3 s	60 ±3	60	Shore
Tensile strength DIN EN ISO 527-1, FD-105, 23 °C, Cross Direction	>17	27.6	MPa
Elongation at break DIN EN ISO 527-1, FD-105, 23 °C, Cross Direction	>300	335	%

Temperature Range

static: -150 to 260 °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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Regulatory Material Information for PTFE F56110

This overview reflects the current available conformity documents for this specific material only, applicable at the date of issue identified below, to the best of our knowledge. It is for information purposes only and does not replace the Declarations of Conformity (DoC) or other article or product-based assessments. The DoC are available upon request under the conditions, limitations, and validity periods specified therein.

Overview Material related documents:	**Release Date**	**Expiration Date**
ADI Free	02.12.2016	31.07.2027

Issue Date: 13.07.2026
It is valid until the mentioned expiry dates or other legal changes become effective.

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