Material
PTFE 177030

Version	Released on
01	22.07.2021

General Data

Colour: Black

Physical Properties	**Nominal Range**	**Typical Value**	
Density DIN EN ISO 1183-1	2.09 ±0.03		g/cm³
Ball indentation hardness DIN EN ISO 2039-1		43	MPa
Tensile strength DIN EN ISO 527		14	MPa
Elongation at break DIN EN ISO 527		130	%

Temperature Range

static: -200 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.

Print date: 24.06.2026

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Technology & Innovation Material Compliance
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Regulatory Material Information for PTFE 177030

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	05.02.2025	05.02.2030
BPA/Phthalate free	05.02.2025	05.02.2030
PFOA / PFOS free	05.02.2025	05.02.2030
ROHS and ELV	05.02.2025	05.02.2030

Issue Date: 24.06.2026

It is valid until the mentioned expiry dates or other legal changes become effective.

Disclaimer:

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

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Template Version 1.0 - Any dates are formatted (DD/MM/YYYY)

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