PTFE carbon slide
Poly-Tetra-Fluor-Ethylene +25% Charcoal, black

- PTFE reinforced with E-charcoal, improved hardness and wear resistance
- Resistant to mineral oils, HFC, HFD-U, HETG, sour oils and gases, cold water, hot water and steam as well as diluted acids and bases
- Applicable for static seals as well as for glide rings with energizer

**Properties** | **Value** | **Unit** | **DIN Standard**
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Hardness | 62 ±3 | Shore D | ISO 868
Density | 2,080 | g/m³ | DIN 53479
Ball indentation at break | | MPa | DIN 53456 H135/30
Tensile strength | 11,6 | MPa | ASTM D 4745-79
Elongation at break | 75 | % | ASTM D 4745-79
Compressive strength | 10 | MPa | DIN 53455
Thermal conductivity | 0,44 | kJ/m*h*K | DIN 52612
lin. Coefficient of expansion | | K⁻¹*10⁵ | |
Coefficient of friction | µ | | |
Tensile modulus | -200 | °C | DIN 53457
min. Service temperature | +260 | °C | |
max. Service temperature | | | |

All above stated data result from random tests which were taken from the ongoing production. All data were established based on standard test-specimen according to ISO, DIN and ASTM standards and can basically not be carried over to the construction element.

Our applied technical advice, either oral, written or through tests is given according to our best knowledge. However, this information is to be considered as non-obligatory instruction, also in terms of any protective rights of a third party, and does not exempt you from testing our product in reference to its suitability for the intended process and purpose. Utilisation, application and processing of the products occur entirely outside of our control and are therefore exclusively your responsibility. However, should a case of liability come into question, it will be limited to all damages in the value of the product which we delivered and you used. By all means, we do warrant the impeccable quality of our products in accordance with our general sales and delivery conditions.

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