

Technical Data Sheet

SustaPEEK GLD 160 natural

PEEK

Typical characteristics

- FDA compliant
- Good sliding properties
- Good dimensional stability

Typical industries

- Food Industry
- Beverage Industry
- Mechanical Engineering Industry

| | Test method | Unit | Guideline value |
|-------------------------------|-------------------|---------------------|-----------------|
| General properties | | | |
| Density | DIN EN ISO 1183-1 | g / cm ³ | 1,41 |
| Mechanical properties | | | |
| Elongation at break | DIN EN ISO 527 | % | 7 |
| Tensile modulus of elasticity | DIN EN ISO 527 | MPa | 3000 |
| Tensile strength | DIN EN ISO 527 | MPa | 76 |
| Notched impact strength | DIN EN ISO 179 | kJ / m ² | 3 |
| Shore hardness | DIN EN ISO 868 | scale D | 81 |
| Thermal properties | | | |
| Melting temperature | ISO 11357-3 | °C | 343 |

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