

## Technical Data Sheet

# SustaPEEK GLD 160 natural

PEEK

### Typical characteristics

- Cumple con la FDA
- Buenas propiedades de deslizamiento
- Buena estabilidad dimensional

### Typical industries

- Industria alimentaria
- Industria de bebidas
- Construcción de máquinas e instalaciones

|                               | Test method       | Unit                | Guideline value |
|-------------------------------|-------------------|---------------------|-----------------|
| <b>General properties</b>     |                   |                     |                 |
| Density                       | DIN EN ISO 1183-1 | g / cm <sup>3</sup> | 1,41            |
| <b>Mechanical properties</b>  |                   |                     |                 |
| 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 <sup>2</sup> | 3               |
| Shore hardness                | DIN EN ISO 868    | scale D             | 81              |
| <b>Thermal properties</b>     |                   |                     |                 |
| Melting temperature           | ISO 11357-3       | °C                  | 343             |

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