

## 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
<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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