

Technical Data Sheet

SustaPEEK GLD 160 natural

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