

Technical Data Sheet

SustaPEEK GLD 160 natural

PEEK

Typical characteristics

- FDA compliant
- Good sliding properties
- Good dimensional stability

Typical industries

- 食品行业
- 饮料行业
- 机械工程行业

	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

ri-inquiry@roechling.com • www.roechling.com/industrial/materials

Print: 17/06/2026 • Release: 19/05/2026 • Version: 10.0
 PIM-ID: 751624 • PIM-Code: 207-2-15.223.153-5.6.5
 Company-IDs: 29033

Page 1 / 1 (Dates in DD/MM/YYYY)

