

Technical Data Sheet

SustaPEEK CM CT200

PEEK

Typical characteristics

- Alta resistencia al impacto en frío
- Alta temperatura de deflexión del calor
- Buenas propiedades de deslizamiento
- Resistencia química
- Cumple con NORSOK M710

Typical industries

- Petróleo y gas
- Semiconductor Industry
- Industria aeronáutica y espacial
- Construcción de contenedores químico

	Test method	Unit	Guideline value
General properties			
Density	DIN EN ISO 1183-1	g / cm ³	1,43
Mechanical properties			
Elongation at break	DIN EN ISO 527	%	4
Tensile modulus of elasticity	DIN EN ISO 527	MPa	3200
Tensile strength	DIN EN ISO 527	MPa	70
Notched impact strength	DIN EN ISO 179	kJ / m ²	3,5
Shore hardness	DIN EN ISO 868	scale D	86
Elastic modulus of compression	DIN EN ISO 604	MPa	3250
Thermal properties			
Melting temperature	ISO 11357-3	°C	330
Service temperature, long term	Average	°C	-200...250
Service temperature, short term (max.)	Average	°C	300

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Print: 05/12/2025 • Release: 21/05/2025 • Version: 3.0
PIM-Version: 289 • PIM-ID: 775097 • PIM-Code: 289-22-11.11.223.33.18-5.11.8.7
Company-IDs: 29033

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

