


 Organizzazione con sistema
 di gestione della qualità
 certificato **ISO 9001**

 Organizzazione con sistema
 di gestione della sicurezza
 certificato **ISO 45001**

TECHNICAL DATA SHEET – PEEK MOD

Product characteristics

- Excellent sliding and abrasion behaviour
- High rigidity
- Good dimensional stability

Product applications

- Mechanical engineering
- Material handling industry
- Electrical industry

	Test method	Unit	Value
General proprieties			
Density	DIN EN ISO 1183-1	g/cm ³	1,46
Water adsorption	DIN EN ISO 62	%	0,02
Flammability (th. 3-6 mm)	UL 94		V0 / V0
Mechanical proprieties			
Yield stress	DIN EN ISO 527	MPa	75
Elongation at break	DIN EN ISO 527	%	4
Tensile modulus of elasticity	DIN EN ISO 527	MPa	4900
Notched impact strength	DIN EN ISO 179	kJ/m ²	5
Shore hardness	DIN EN ISO 868	Scale D	85
Thermal properties			
Melting temperature	ISO 11357-3	°C	343
Thermal conductivity	DIN 52612-1	W / (m * K)	0,24
Coefficient of linear thermal expansion	DIN 53752	10 ⁻⁶ k	30
Service temperature, short term (max)	Average	°C	310
Service temperature, long term	Average	°C	-30....250
Heat deflection temperature	DIN EN ISO 75, Verf. A, HDT	°C	293

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