



PEEK+PTFE 3000x500x10 mm beige

Artikelnr P1501509
Kategori PEEK

Tekniska egenskaper

Density & Weight

Egenskap	VÄrde	Enhet	Provningsstandard
Density	1.31	g/cm³	ISO 1183

Tensile Properties

Egenskap	VÄrde	Enhet	Provningsstandard
Modulus of elasticity (tensile)	4400	MPa	ISO 527-2
Break Elongation	20	%	ISO 527-2

Temperature Limits

Egenskap	VÄrde	Enhet	Provningsstandard
Melting point	340	°C	ISO 3146
Maximal operating temperature (short-term)	310	°C	
Maximum Operating Temperature	200	°C	
Heat deflection temperature (HDT/A)	160	°C	ISO 75-2

Insulation Properties

Egenskap	VÄrde	Enhet	Provningsstandard
Dielectric Strength	24	kV/mm	IEC 60243-1
Volume Resistivity	10¹¹	Ω·cm	IEC 60093
Dielectric Constant (1 MHz)	3.6	-	IEC 60250
Dielectric Constant (100 Hz)	3.2	-	IEC 60250
Dielectric loss factor (1 MHz)	0.0	-	IEC 60250

