



Specification and Technical data

Reprotex®

PEEK 450G RP

Material	Poly ether ether ketone
General Qualities	Natural (brown) pellets of Victrex 450G. Melt-filtered. Semi-crystalline, high performance thermoplastic
Packaging Storage and Transport	Labelled PVC bags.

Material Properties	Testing according to ASTM unless specified.			
Tensile Strength	23°C	D638	91	MPa
Tensile Modulus		D638	3650	GPa
Elongation at Break		D638	41	%
Flexural Strength	23°C	D790	143	Mpa
Flexural Modulus	23°C	D790	3900	Mpa
Material Density		D792	1.29	g/cc
HDT@1.8MPa	ISO 75-F	ISO 75-F	149	°C
Melting Point	DSC	D3418	340	°C
Glass Transition	Onset	D7426	143	°C
MFR		D1238	2.5	g/10min
Izod Impact	Notched	D256	50	J/m
	Unnotched	D256	2500	J/m

Disclaimer	Properties are for reference only and do not imply a guarantee. The customer is encouraged to test the product to verify performance.
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