

Dexnyl© R-PEEK natural 450G

Dexnyl© R-PEEK is excellently suited for high strength and high temperature molded parts in the injection molding and extrusion process used in the aerospace, automotive, electrical / electronics, engineering and marine, medical and chemical industries.

Physical Properties	Standard	Unit	Value
MFI (380IC/5kg)	ISO 1133	g/10 min	7 - 10
Density at 23°C	ISO 1183	g/cm ³	1,30
Breaking Strength	ISO 527-1/-2	MPa	90
Elongation	ISO 527-1/-2	%	30
Tensile Modulus	ISO 527-1/-2	MPa	3400
Charpy Impact Strength	ISO 179/1eA	kJ/m ²	7 C
Service Temperature	ISO 75-1/-2	°C	260
		°C	315
Flammability	UL 94/IEC60695		V-0
Surface Resistivity	IEC 60093	Ohm	10 ¹⁴

Disclaimer: The present data and recommendations are based on the current state of our knowledge, however, a liability in terms of application and processing can't be accepted.