

KEBAPEAK® PEEK XS1700

Polyetheretherketone

BARLOG plastics GmbH

Message:

PEEK, unreinforced

General Information			
Resin ID (ISO 1043)	PEEK		
Physical	Nominal Value	Unit	Test Method
Density	1.30	g/cm ³	ISO 1183
Molding Shrinkage			ISO 294-4
Across Flow	1.3	%	
Flow	1.0	%	
Water Absorption (Saturation, 23°C)	0.070	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3100	MPa	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	11	kJ/m ²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	150	°C	ISO 75-2/A
Melting Temperature ¹	343	°C	ISO 11357-3
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.0E+16	ohms · cm	IEC 60093
Flammability	Nominal Value	Unit	Test Method
Flammability Classification (0.800 mm)	V-0		IEC 60695-11-10, -20
NOTE			
1.	10°C/min		

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