

KEBATER® PBT A1100

Polycarbonate + PBT

BARLOG plastics GmbH

Message:

PBT/PC unreinforced, high impact

General Information			
Features	High Impact Resistance		
Resin ID (ISO 1043)	PBT+PC		
Physical	Nominal Value	Unit	Test Method
Density	1.24	g/cm ³	ISO 1183
Molding Shrinkage			ISO 294-4
Across Flow	1.0	%	
Flow	1.0	%	
Water Absorption (Equilibrium, 23°C, 50% RH)	0.15	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2300	MPa	ISO 527-2
Tensile Stress (Break)	61.0	MPa	ISO 527-2
Tensile Strain (Break)	> 100	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	35	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength			ISO 179/1eU
-30°C	No Break		
23°C	No Break		
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+13	ohms	IEC 60093
Volume Resistivity	1.0E+19	ohms · cm	IEC 60093
Flammability	Nominal Value	Unit	Test Method
Flammability Classification (0.800 mm)	HB		IEC 60695-11-10, -20

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Recommended distributors for this material

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