

KEBALLOY® EP 23

Polycarbonate + ABS

BARLOG plastics GmbH

Message:

ABS/PC, unreinforced, electro platable grade

General Information			
Features	Platable		
Resin ID (ISO 1043)	ABS+PC		
Physical	Nominal Value	Unit	Test Method
Density	1.12	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (240°C/5.0 kg)	10	g/10 min	ISO 1133
Water Absorption (Equilibrium, 23°C, 50% RH)	0.20	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2300	MPa	ISO 527-2
Tensile Stress (Yield)	50.0	MPa	ISO 527-2
Tensile Strain			ISO 527-2
Yield	3.5	%	
Break	> 25	%	
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	35	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	No Break		ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	92.0	°C	ISO 75-2/A
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+15	ohms	IEC 60093
Volume Resistivity	1.0E+15	ohms · cm	IEC 60093
Electric Strength	35	kV/mm	IEC 60243-1
Flammability	Nominal Value	Unit	Test Method
Flammability Classification	HB		IEC 60695-11-10, -20

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Recommended distributors for this material

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