

## Barlog Plastics KEBALLOY EP 23 ABS/PC, unreinforced, electro platable grade

Category : Polymer , Thermoplastic , ABS Polymer , Polycarbonate/ABS Alloy, Unreinforced , Polycarbonate (PC)

### Material Notes:

ABS+PC Information provided by BARLOG plastics GmbH.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Barlog-Plastics-KEBALLOY-EP-23-ABSPC-unreinforced-electro-platable-grade.php](http://www.lookpolymers.com/polymer_Barlog-Plastics-KEBALLOY-EP-23-ABSPC-unreinforced-electro-platable-grade.php)

Physical Properties	Metric	English	Comments
Density	1.12 g/cc	0.0405 lb/in <sup>3</sup>	ISO 1183
Moisture Absorption at Equilibrium	0.20 %	0.20 %	similar to ISO 62 test
Melt Flow	10 g/10 min @Load 5.00 kg, Temperature 240 °C	10 g/10 min @Load 11.0 lb, Temperature 464 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	50.0 MPa	7250 psi	ISO 527-1
Elongation at Break	>= 25 %	>= 25 %	ISO 527-1
Elongation at Yield	3.5 %	3.5 %	ISO 527-1
Tensile Modulus	2.30 GPa	334 ksi	ISO 527-1
Charpy Impact Unnotched	NB	NB	ISO 179-1eU
Charpy Impact, Notched	3.50 J/cm <sup>2</sup>	16.7 ft-lb/in <sup>2</sup>	ISO 179-1eA

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	92.0 °C	198 °F	ISO 75-1/-2
Flammability, UL94	HB	HB	IEC 60695-11-10

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+13 ohm-cm	1.00e+13 ohm-cm	IEC 60093
Surface Resistance	1.00e+15 ohm	1.00e+15 ohm	IEC 60093
Dielectric Strength	35.0 kV/mm	889 kV/in	IEC 60243-1

Descriptive Properties	Value	Comments
Resin Type	ABS+PC	

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## Contact Songhan Plastic Technology Co.,Ltd.

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