

Barlog Plastics KEBALLOY C43 PC/ABS unreinforced

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

Material Notes:

PC+ABS Information provided by BARLOG plastics GmbH.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Barlog-Plastics-KEBALLOY-C43-PCABS-unreinforced.php

| Physical Properties | Metric | English | Comments |
|------------------------------------|---|---|------------------------|
| Density | 1.12 g/cc | 0.0405 lb/in ³ | ISO 1183 |
| Moisture Absorption at Equilibrium | 0.20 % | 0.20 % | similar to ISO 62 test |
| Linear Mold Shrinkage, Flow | 0.0060 cm/cm | 0.0060 in/in | ISO 294-4 |
| Linear Mold Shrinkage, Transverse | 0.0060 cm/cm | 0.0060 in/in | ISO 294-4 |
| 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 | 55.0 MPa | 7980 psi | ISO 527-1 |
| Elongation at Break | >= 50 % | >= 50 % | ISO 527-1 |
| Tensile Modulus | 2.40 GPa | 348 ksi | ISO 527-1 |
| Charpy Impact Unnotched | NB | NB | ISO 179-1eU |
| Charpy Impact, Notched | 5.00 J/cm ² | 23.8 ft-lb/in ² | ISO 179-1eA |

| Thermal Properties | Metric | English | Comments |
|---|--------|---------|-----------------|
| Deflection Temperature at 1.8 MPa (264 psi) | 120 °C | 248 °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 |

| Descriptive Properties | Value | Comments |
|------------------------|--------|----------|
| Resin Type | PC+ABS | |

| Descriptive Properties | Value | Comments |
|------------------------|-------|----------|
|------------------------|-------|----------|

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China