

Kolon SPELLOY® KB133G30 PC + PBT Alloy Resin (discontinued **)

Category : Polymer , Thermoplastic , Polycarbonate (PC) , Polycarbonate/Polybutylene Terephthalate (PBT) Blend, Glass Filled , Polyester, TP , Polybutylene Terephthalate (PBT)

Material Notes:

SPELLOY® is a new technology of thermoplastic Polymer alloys developed to provide unique combination of excellent mechanical properties. High impact resistance (at low temperature), good dimensional stability, high heat resistance. Information provided by US distributor, API-Kolon.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Kolon-SPELLOY-KB133G30-PC-PBT-Alloy-Resin-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	1.40 g/cc	0.0506 lb/in ³	DIN 53479; ASTM D792
Water Absorption	0.090 %	0.090 %	DIN 53475; ASTM D570
Linear Mold Shrinkage	0.0050 - 0.0060 cm/cm	0.0050 - 0.0060 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	116	116	DIN 53505; ASTM D785
Tensile Strength, Ultimate	108 MPa	15600 psi	DIN 53455; ASTM D638
Elongation at Break	5.0 %	5.0 %	DIN 53455; ASTM D638
Flexural Yield Strength	172 MPa	24900 psi	DIN 53455; ASTM D790
Flexural Modulus	6.37 GPa	925 ksi	DIN 53452; ASTM D790
Izod Impact, Notched	1.47 J/cm	2.76 ft-lb/in	DIN 53453; ASTM D256

Thermal Properties	Metric	English	Comments
CTE, linear	300 µm/m-°C	167 µin/in-°F	DIN 53752; ASTM D696
	@Temperature 20.0 °C	@Temperature 68.0 °F	
Melting Point	220 °C	428 °F	DIN 53736; ASTM D789
Deflection Temperature at 1.8 MPa (264 psi)	190 °C	374 °F	DIN 53461; ASTM D648
Flammability, UL94	HB	HB	

Electrical Properties	Metric	English	Comments
Dielectric Constant	4.0	4.0	ASTM D150/DIN 53483
	@Frequency 1e+6 Hz	@Frequency 1e+6 Hz	

Electrical Properties	Metric //mm	English In	Comments //DIN 53481
Arc Resistance	120 sec	120 sec	ASTM D495

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