

Polimeri Europa KOBLEND HI 18 PBT+PC, Impact Grade (discontinued **)

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

Material Notes:

Symbol according to ISO 1043/1: PBT+PC-HI Elastomer modified PBT+PC blend, similar to KOBLEND HI 10 with improved impact resistance at low temperatures and better thermal properties. Main application fields: bumpersUnfilled. Suitable for Injection Molding. Supplied as pellets.ISO data. Information provided by EnichemPolimeri Europa now has Enichem's plastics businesses. This grade is no longer in the product line.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Polimeri-Europa-KOBLEND-HI-18-PBTPC-Impact-Grade-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	1.18 g/cc	0.0426 lb/in ³	
Melt Flow	2.3 g/10 min @Load 2.16 kg, Temperature 250 °C	2.3 g/10 min @Load 4.76 lb, Temperature 482 °F	cm ³ /10 min

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	40.0 MPa	5800 psi	50 mm/min
Elongation at Break	>= 50 %	>= 50 %	Nominal
Elongation at Yield	4.2 %	4.2 %	50 mm/min
Tensile Modulus	1.65 GPa	239 ksi	1 mm/min
Izod Impact, Unnotched	NB	NB	
	NB @Temperature -30.0 °C	NB @Temperature -22.0 °F	
Izod Impact, Notched (ISO)	62.0 kJ/m ² @Temperature -30.0 °C	29.5 ft-lb/in ² @Temperature -22.0 °F	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	100 °C	212 °F	
Deflection Temperature at 1.8 MPa (264 psi)	61.0 °C	142 °F	
Vicat Softening Point	110 °C	230 °F	50°C/hr; 50N
Flammability, UL94	HB	HB	

Thermal Properties	@Thickness 1.60 mm Metric	@Thickness 0.0630 in English	Comments
Electrical Properties	Metric	English	Comments
Comparative Tracking Index	500 V	500 V	

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