

## Polimeri Europa KOBLEND HI 10 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 with very good impact behaviour, ductility even at low temperatures, resistant to solvents. Main application fields: automotive industry, 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-10-PBTPC-Impact-Grade-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_Polimeri-Europa-KOBLEND-HI-10-PBTPC-Impact-Grade-nbspdiscontinued-.php)

Physical Properties	Metric	English	Comments
Density	1.20 g/cc	0.0434 lb/in <sup>3</sup>	
Melt Flow	2.2 g/10 min @Load 2.16 kg, Temperature 250 °C	2.2 g/10 min @Load 4.76 lb, Temperature 482 °F	cm <sup>3</sup> /10 min

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	33.0 MPa	4790 psi	50 mm/min
Elongation at Break	>= 50 %	>= 50 %	Nominal
Elongation at Yield	4.6 %	4.6 %	50 mm/min
Tensile Modulus	1.40 GPa	203 ksi	1 mm/min
Izod Impact, Unnotched	NB	NB	
	NB @Temperature -30.0 °C	NB @Temperature -22.0 °F	
Izod Impact, Notched (ISO)	40.0 kJ/m <sup>2</sup> @Temperature -30.0 °C	19.0 ft-lb/in <sup>2</sup> @Temperature -22.0 °F	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	83.0 °C	181 °F	
Deflection Temperature at 1.8 MPa (264 psi)	51.0 °C	124 °F	
Vicat Softening Point	105 °C	221 °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	600 V	600 V	

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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