

## Polimeri Europa KOBLEND HI 20 PBT+PC, Impact Grade (discontinued \*\*)

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

### Material Notes:

PBT elastomer modified with good impact behaviour, good stiffness, resistant to solvents. Main application fields: automotive industryUnfilled. 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-20-PBTPC-Impact-Grade-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_Polimeri-Europa-KOBLEND-HI-20-PBTPC-Impact-Grade-nbspdiscontinued-.php)

Physical Properties	Metric	English	Comments
Density	1.22 g/cc	0.0441 lb/in <sup>3</sup>	
Melt Flow	5.5 g/10 min @Load 2.16 kg, Temperature 250 °C	5.5 g/10 min @Load 4.76 lb, Temperature 482 °F	cm <sup>3</sup> /10 min

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	43.0 MPa	6240 psi	50 mm/min
Elongation at Break	>= 50 %	>= 50 %	Nominal
Elongation at Yield	4.3 %	4.3 %	50 mm/min
Tensile Modulus	1.85 GPa	268 ksi	1 mm/min
Izod Impact, Unnotched	NB	NB	
	NB @Temperature -30.0 °C	NB @Temperature -22.0 °F	
Izod Impact, Notched (ISO)	11.0 kJ/m <sup>2</sup> @Temperature -30.0 °C	5.23 ft-lb/in <sup>2</sup> @Temperature -22.0 °F	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	112 °C	234 °F	
Deflection Temperature at 1.8 MPa (264 psi)	56.0 °C	133 °F	
Vicat Softening Point	131 °C	268 °F	50°C/hr; 50N
Flammability, UL94	HB @Thickness 1.60 mm	HB @Thickness 0.0630 in	

Electrical Properties	Metric	English	Comments
Comparative Tracking Index	600 V	600 V	

## Contact Songhan Plastic Technology Co.,Ltd.

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