

Polimeri Europa KOBLEND HI 41 F1 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 Similar to KOBLEND HI 41 with improved fluidity. Main application fields: bumpers Unfilled.

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-41-F1-PBTPC-Impact-Grade-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	1.19 g/cc	0.0430 lb/in ³	
Melt Flow	4.3 g/10 min @Load 2.16 kg, Temperature 250 °C	4.3 g/10 min @Load 4.76 lb, Temperature 482 °F	cm ³ /10 min

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	47.0 MPa	6820 psi	50 mm/min
Elongation at Break	>= 50 %	>= 50 %	Nominal
Elongation at Yield	4.4 %	4.4 %	50 mm/min
Tensile Modulus	2.05 GPa	297 ksi	1 mm/min
Izod Impact, Unnotched	NB	NB	
	NB @Temperature -30.0 °C	NB @Temperature -22.0 °F	
Izod Impact, Notched (ISO)	47.0 kJ/m ² @Temperature -30.0 °C	22.4 ft-lb/in ² @Temperature -22.0 °F	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	104 °C	219 °F	
Deflection Temperature at 1.8 MPa (264 psi)	75.0 °C	167 °F	
Vicat Softening Point	116 °C	241 °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	400 V	400 V	

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