

Polimeri Europa KOBLEND HI 75 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 good impact behaviour, good dimensional stability, good stiffness, resistant to solvents. Main application fields: automotive industry Unfilled. Suitable for Injection Molding. Supplied as pellets. ISO data. Information provided by Enichem Polimeri 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-75-PBTPC-Impact-Grade-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	1.20 g/cc	0.0434 lb/in ³	
Melt Flow	2.1 g/10 min @Load 2.16 kg, Temperature 250 °C	2.1 g/10 min @Load 4.76 lb, Temperature 482 °F	cm ³ /10 min

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	55.0 MPa	7980 psi	50 mm/min
Elongation at Break	>= 50 %	>= 50 %	Nominal
Elongation at Yield	5.5 %	5.5 %	50 mm/min
Tensile Modulus	2.15 GPa	312 ksi	1 mm/min
Izod Impact, Unnotched	NB	NB	
	NB @Temperature -30.0 °C	NB @Temperature -22.0 °F	
Izod Impact, Notched (ISO)	44.0 kJ/m ² @Temperature -30.0 °C	20.9 ft-lb/in ² @Temperature -22.0 °F	

Thermal Properties	Metric	English	Comments
Vicat Softening Point	125 °C	257 °F	50°C/hr; 50N
Flammability, UL94	HB @Thickness 1.60 mm	HB @Thickness 0.0630 in	

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