

Polimeri Europa KOBLEND HI PD 19 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 a very good impact behaviour, good stiffness and higher thermal properties than KOBLEND HI 18. Main application fields: bumpers 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-PD-19-PBTPC-Impact-Grade-nbspdiscontinued-.php

| Physical Properties | Metric | English | Comments |
|---------------------|--|--|-------------------------|
| Density | 1.18 g/cc | 0.0426 lb/in ³ | |
| 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 ³ /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 | 1.95 GPa | 283 ksi | 1 mm/min |
| Izod Impact, Unnotched | NB | NB | |
| | NB @Temperature -30.0 °C | NB @Temperature -22.0 °F | |
| Izod Impact, Notched (ISO) | 45.0 kJ/m ² @Temperature -30.0 °C | 21.4 ft-lb/in ² @Temperature -22.0 °F | |

| Thermal Properties | Metric | English | Comments |
|-----------------------|--------------------------|----------------------------|--------------|
| Vicat Softening Point | 119 °C | 246 °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 Electrical Properties | 500 V Metric | 500 V English | Comments |
|---|-----------------|------------------|----------|
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