

## Polimeri Europa KOBLEND PD P476B PS+PE, Impact Grade (discontinued \*\*)

Category : Polymer , Thermoplastic , Polyethylene (PE) , Polystyrene (PS)

### Material Notes:

Symbol according to ISO 1043-1: (S/B + PE) Special polystyrene alloy with very high tear strength and high stress- cracking resistances. Particularly suitable for extrusion and thermoforming of fatty foods packaging. Applications: lids multi-layers composite thermoformed containers containers for fats Unfilled. Suitable for Film Extrusion, Thermoforming. 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-PD-P476B-PSPE-Impact-Grade-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_Polimeri-Europa-KOBLEND-PD-P476B-PSPE-Impact-Grade-nbspdiscontinued-.php)

Physical Properties	Metric	English	Comments
Density	1.02 g/cc	0.0368 lb/in <sup>3</sup>	
Melt Flow	6.0 g/10 min @Load 5.00 kg, Temperature 200 °C	6.0 g/10 min @Load 11.0 lb, Temperature 392 °F	cm <sup>3</sup> /10 min

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	27.0 MPa	3920 psi	50 mm/min
Elongation at Break	>= 50 %	>= 50 %	Nominal
Elongation at Yield	3.8 %	3.8 %	50 mm/min
Tensile Modulus	1.45 GPa	210 ksi	1 mm/min

Thermal Properties	Metric	English	Comments
Vicat Softening Point	70.0 °C	158 °F	50°C/hr; 50N
Flammability, UL94	HB @Thickness 1.60 mm	HB @Thickness 0.0630 in	

Electrical Properties	Metric	English	Comments
Electrical Resistivity	>= 1.00e+15 ohm-cm	>= 1.00e+15 ohm-cm	
Surface Resistance	>= 1.00e+15 ohm	>= 1.00e+15 ohm	
Dielectric Constant	2.4 @Frequency 100 Hz	2.4 @Frequency 100 Hz	
Comparative Tracking Index	600 V	600 V	

## **Contact Songhan Plastic Technology Co.,Ltd.**

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