

## Polimeri Europa KOBLEND PCA PD 935 G2 PC+ABS, 10% Glass Fiber (discontinued \*\*)

Category : Polymer , Thermoplastic , ABS Polymer , Polycarbonate/ABS Alloy, Glass Fiber Filled , Polycarbonate (PC)

### Material Notes:

Symbol according to ISO 1043/1/2: PC+ABS (GF) Injection moulding grade, reinforced with 10% glass fibres, high stiffness, very good dimensional stability. Vicat/B50 = 135°C Main application fields: structural non aesthetic parts in the automotive industry, electro-mechanical components Filled. 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-PCA-PD-935-G2-PCABS-10-Glass-Fiber-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_Polimeri-Europa-KOBLEND-PCA-PD-935-G2-PCABS-10-Glass-Fiber-nbspdiscontinued-.php)

Physical Properties	Metric	English	Comments
Density	1.21 g/cc	0.0437 lb/in <sup>3</sup>	
Water Absorption	0.60 %	0.60 %	
Melt Flow	12 g/10 min @Load 5.00 kg, Temperature 260 °C	12 g/10 min @Load 11.0 lb, Temperature 500 °F	cm <sup>3</sup> /10 min

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	70.0 MPa	10200 psi	5 mm/min
Elongation at Break	4.0 %	4.0 %	5 mm/min
Tensile Modulus	4.30 GPa	624 ksi	1 mm/min
Izod Impact, Unnotched	4.10 J/cm	7.68 ft-lb/in	J/cm <sup>2</sup>
Izod Impact, Notched (ISO)	10.0 kJ/m <sup>2</sup> @Temperature -30.0 °C	4.76 ft-lb/in <sup>2</sup> @Temperature -22.0 °F	
Izod Impact, Unnotched (ISO)	40.0 kJ/m <sup>2</sup> @Temperature -30.0 °C	19.0 ft-lb/in <sup>2</sup> @Temperature -22.0 °F	

Thermal Properties	Metric	English	Comments
CTE, linear, Parallel to Flow	40.0 µm/m-°C @Temperature 20.0 °C	22.2 µin/in-°F @Temperature 68.0 °F	
Deflection Temperature at 0.46 MPa (66 psi)	130 °C	266 °F	
Deflection Temperature at 1.8 MPa (264 psi)	120 °C	248 °F	

Thermal Properties	Metric	English	Comments
Flammability, UL94	HB @Thickness 1.60 mm	HB @Thickness 0.0630 in	

Electrical Properties	Metric	English	Comments
Electrical Resistivity	$\geq 1.00 \times 10^{15}$ ohm-cm	$\geq 1.00 \times 10^{15}$ ohm-cm	
Surface Resistance	$1.00 \times 10^{14}$ ohm	$1.00 \times 10^{14}$ ohm	
Dielectric Constant	2.8 @Frequency 1e+6 Hz	2.8 @Frequency 1e+6 Hz	
	2.9 @Frequency 100 Hz	2.9 @Frequency 100 Hz	
Dielectric Strength	27.0 kV/mm	686 kV/in	
Dissipation Factor	0.0020 @Frequency 100 Hz	0.0020 @Frequency 100 Hz	
	0.010 @Frequency 1e+6 Hz	0.010 @Frequency 1e+6 Hz	
Comparative Tracking Index	250 V	250 V	

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China