

Polimeri Europa KOBLEND PCA 839F PC+ABS (discontinued **)

Category : Polymer , Thermoplastic , ABS Polymer , Polycarbonate/ABS Alloy, Unreinforced , Polycarbonate (PC)

Material Notes:

Symbol according to ISO 1043/1: PC+ABSUnfilled. 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-PCA-839F-PCABS-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	1.15 g/cc	0.0415 lb/in ³	
Water Absorption	0.60 %	0.60 %	
Melt Flow	17 g/10 min @Load 5.00 kg, Temperature 260 °C	17 g/10 min @Load 11.0 lb, Temperature 500 °F	cm ³ /10 min

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	50.0 MPa	7250 psi	50 mm/min
Elongation at Break	>= 50 %	>= 50 %	Nominal
Elongation at Yield	4.8 %	4.8 %	50 mm/min
Tensile Modulus	2.20 GPa	319 ksi	1 mm/min

Thermal Properties	Metric	English	Comments
CTE, linear, Parallel to Flow	70.0 µm/m-°C @Temperature 20.0 °C	38.9 µin/in-°F @Temperature 68.0 °F	
Deflection Temperature at 0.46 MPa (66 psi)	131 °C	268 °F	
Deflection Temperature at 1.8 MPa (264 psi)	111 °C	232 °F	
Vicat Softening Point	127 °C	261 °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 Electrical Properties	1.00e+14 ohm Metric	1.00e+14 ohm English	Comments
Dielectric Constant	2.7	2.7	
	@Frequency 1e+6 Hz	@Frequency 1e+6 Hz	
Dielectric Strength	27.0 kV/mm	686 kV/in	
	2.8	2.8	
Dissipation Factor	0.0040	0.0040	
	@Frequency 100 Hz	@Frequency 100 Hz	
Comparative Tracking Index	0.0070	0.0070	
	250 V	250 V	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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