Covestro Bayblend® KU 2-1500 Polycarbonate/ABS Blend

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

Material Notes:

Flame retardant extrusion grade.Applications: Bulky parts for DT-copying machines.Information provided by Bayer.As of 1 September 2015, Bayer MaterialScience was separated from Bayer AG and officially adopted its new name – Covestro.

Order this product through the following link:
http://www.lookpolymers.com/polymer_Covestro-Bayblend-KU-2-1500-PolycarbonateABS-Blend.php

Physical Properties	Metric	English	Comments
Density	1.21 g/cc	0.0437 lb/in³	
Water Absorption	0.70 %	0.70 %	Saturation in water
Moisture Absorption at Equilibrium	0.20 %	0.20 %	Equilibrium at 50% RH
Water Absorption at Saturation	0.70 %	0.70 %	
Melt Flow	5.0 g/10 min @Load 5.00 kg, Temperature 260 °C	5.0 g/10 min @Load 11.0 lb, Temperature 500 °F	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	55.0 MPa	7980 psi	
Elongation at Break	>= 50 %	>= 50 %	Nominal
Elongation at Yield	5.0 %	5.0 %	
Tensile Modulus	2.40 GPa	348 ksi	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	124 °C	255 °F	
Deflection Temperature at 1.8 MPa (264 psi)	107 °C	225 °F	
Vicat Softening Point	128 °C	262 °F	
Flammability, UL94	V-0 @Thickness 1.60 mm	V-0 @Thickness 0.0630 in	
Oxygen Index	34 %	34 %	

Electrical Properties	Metric	English	Comments

Electrical Properties	Metric	English	Comments
Electrical Resistivity	1.00e+15 ohm-cm	1.00e+15 ohm-cm	
Surface Resistance	1.00e+14 ohm	1.00e+14 ohm	
Dielectric Constant	3.1 @Frequency 1e+6 Hz	3.1 @Frequency 1e+6 Hz	
	3.2 @Frequency 100 Hz	3.2 @Frequency 100 Hz	
Dielectric Strength	30.0 kV/mm	762 kV/in	
Dissipation Factor	0.0027 @Frequency 100 Hz	0.0027 @Frequency 100 Hz	
	0.0082 @Frequency 1e+6 Hz	0.0082 @Frequency 1e+6 Hz	
Comparative Tracking Index	350 V	350 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