

Covestro Makroblend® UT-250 Polycarbonate + Polyester Blend

Category : Polymer , Thermoplastic , Polycarbonate (PC) , Polyester, TP

Material Notes:

Key Features: Unfilled High impact or high impact modified Light stabilized or stable to light Suitable processing methods: Injection molding Information provided by Bayer Polymers. As of 1 September 2015, Bayer Material Science 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-Makroblend-UT-250-Polycarbonate-Polyester-Blend.php

Physical Properties	Metric	English	Comments
Density	1.21 g/cc	0.0437 lb/in ³	
Water Absorption	0.31 %	0.31 %	
Moisture Absorption at Equilibrium	0.10 %	0.10 %	23°C/50% R.H.
Melt Flow	27 g/10 min @Load 5.00 kg, Temperature 265 °C	27 g/10 min @Load 11.0 lb, Temperature 509 °F	cm ³ /10 min.

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	2.30 GPa	334 ksi	

Thermal Properties	Metric	English	Comments
CTE, linear, Parallel to Flow	67.0 µm/m-°C	37.2 µin/in-°F	
	@Temperature 20.0 °C	@Temperature 68.0 °F	
CTE, linear, Transverse to Flow	67.0 µm/m-°C	37.2 µin/in-°F	
	@Temperature 20.0 °C	@Temperature 68.0 °F	
Deflection Temperature at 0.46 MPa (66 psi)	125 °C	257 °F	
Deflection Temperature at 1.8 MPa (264 psi)	110 °C	230 °F	
Flammability, UL94	HB	HB	UL Recognized
	@Thickness 1.50 mm	@Thickness 0.0591 in	

Thermal Properties	^{HB} Metric	^{HB} English	Comments
	@Thickness 3.00 mm	@Thickness 0.118 in	

Processing Properties	Metric	English	Comments
Melt Temperature	270 °C	518 °F	Injection Molding
Mold Temperature	65.0 °C	149 °F	Injection Molding
Injection Pressure	60.0 MPa	8700 psi	

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