

## Covestro Makroblend® UT-408 Polycarbonate + Polyester Blend (discontinued \*\*)

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 has officially adopted its new name – Covestro. This product was discontinued prior to the separation.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Covestro-Makroblend-UT-408-Polycarbonate-Polyester-Blend-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_Covestro-Makroblend-UT-408-Polycarbonate-Polyester-Blend-nbspdiscontinued-.php)

Physical Properties	Metric	English	Comments
Density	1.22 g/cc	0.0441 lb/in <sup>3</sup>	
Moisture Absorption at Equilibrium	0.17 %	0.17 %	23°C/50% R.H.
Melt Flow	16 g/10 min @Load 5.00 kg, Temperature 265 °C	16 g/10 min @Load 11.0 lb, Temperature 509 °F	cm <sup>3</sup> /10 min.

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	57.0 MPa	8270 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	63.0 µm/m-°C	35.0 µin/in-°F	
	@Temperature 20.0 °C	@Temperature 68.0 °F	
CTE, linear, Transverse to Flow	63.0 µm/m-°C	35.0 µin/in-°F	
	@Temperature 20.0 °C	@Temperature 68.0 °F	
Deflection Temperature at 0.46 MPa (66 psi)	133 °C	271 °F	
Deflection Temperature at 1.8 MPa (264 psi)	116 °C	241 °F	
Flammability, UL94	HB	HB	UL Recognized
	@Thickness 1.50 mm	@Thickness 0.0591 in	
	HB	HB	

Thermal Properties	Metric @ Thickness 3.00 mm	English @ Thickness 0.118 in	UL Recognized Comments
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](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