

## Lucent Polymers PBT-FR310 Polybutylene Terephthalate, Flame Resistant

Category : Polymer , Thermoplastic , Polyester, TP , Polybutylene Terephthalate (PBT) , Polybutylene Terephthalate (PBT), Flame Retardant

**Material Notes:**

Add "R" for Added ReleaseAdd "U" for UV StabilizerInformation provided by Lucent Polymers, Inc.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Lucent-Polymers-PBT-FR310-Polybutylene-Terephthalate-Flame-Resistant.php](http://www.lookpolymers.com/polymer_Lucent-Polymers-PBT-FR310-Polybutylene-Terephthalate-Flame-Resistant.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.37 g/cc	1.37 g/cc	ASTM D792
Linear Mold Shrinkage, Flow	0.016 cm/cm @Thickness 3.17 mm	0.016 in/in @Thickness 0.125 in	1/8" Section

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	58.62 MPa	8502 psi	ASTM D638
Elongation at Break	>= 8.0 %	>= 8.0 %	ASTM D638
Flexural Strength	82.76 MPa	12000 psi	ASTM D790
Flexural Modulus	2.759 GPa	400.1 ksi	ASTM D790
Izod Impact, Notched	0.320 J/cm @Thickness 3.17 mm, Temperature 22.8 Â°C	0.600 ft-lb/in @Thickness 0.125 in, Temperature 73.0 Â°F	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	71.11 Â°C	160.0 Â°F	ASTM D648
Flammability, UL94	V-0 @Thickness 3.17 mm	V-0 @Thickness 0.125 in	

## 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