

## Lucent Polymers PC/ABS-FR0 Polycarbonate+ABS, Flame Resistant

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

**Material Notes:**

Add "R" for Added Release, "U" for UV Stabilizer and "EF" for Easy Flow (35.0 g/10min)UL Listing: File No. E213588Information provided by Lucent Polymers, Inc.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Lucent-Polymers-PCABS-FR0-PolycarbonateABS-Flame-Resistant.php](http://www.lookpolymers.com/polymer_Lucent-Polymers-PCABS-FR0-PolycarbonateABS-Flame-Resistant.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.15 g/cc	1.15 g/cc	ASTM D792
Linear Mold Shrinkage, Flow	0.0050 cm/cm @Thickness 3.17 mm	0.0050 in/in @Thickness 0.125 in	1/8" Section
Melt Flow	20 g/10 min @Load 5.00 kg, Temperature 260 Â°C	20 g/10 min @Load 11.0 lb, Temperature 500 Â°F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	62.07 MPa	9003 psi	ASTM D638
Elongation at Break	>= 40 %	>= 40 %	ASTM D638
Flexural Strength	102.07 MPa	14804 psi	ASTM D790
Flexural Modulus	2.586 GPa	375.1 ksi	ASTM D790
Izod Impact, Notched	5.34 J/cm @Thickness 3.17 mm, Temperature 22.8 Â°C	10.0 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)	101.67 Â°C	215.01 Â°F	ASTM D648
Flammability, UL94	V-0 @Thickness 1.59 mm	V-0 @Thickness 0.0625 in	

## 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