

## LG Chemical Lupoy 1320C-07 Polycarbonate Resin

Category : Polymer , Thermoplastic , Polycarbonate (PC) , Polycarbonate, UV Stabilized

### Material Notes:

Description: LUPOY PC 1320C-07 resin provides stability against ultraviolet radiations to solid or multi-wall sheets via the coextrusion of a 50 ? thick layer  
 Main Characteristics: Proprietary formulation, Very low plate-out characteristics, Very high thermal stability and Very good color stability  
 Applications: UV layer coating and Master batch  
 CAS: 103598-77-2  
 Information provided by LG Chemical

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_LG-Chemical-Lupoy-1320C-07-Polycarbonate-Resin.php](http://www.lookpolymers.com/polymer_LG-Chemical-Lupoy-1320C-07-Polycarbonate-Resin.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.20 g/cc	1.20 g/cc	ASTM D792
Melt Flow	7.0 g/10 min	7.0 g/10 min	ASTM D1238
	@Load 1.20 kg, Temperature 300 Â°C	@Load 2.65 lb, Temperature 572 Â°F	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	68.0 MPa	9860 psi	50mm/min; ASTM D638
Elongation at Break	113 %	113 %	50mm/min; ASTM D638
Elongation at Yield	6.0 %	6.0 %	50mm/min; ASTM D638
Tensile Modulus	2.00 GPa	290 ksi	1mm/min; ASTM D638
Flexural Strength	68.0 MPa	9860 psi	50mm/min; ASTM D638

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	130 Â°C	266 Â°F	Annealed; ASTM D648
	@Thickness 4.00 mm	@Thickness 0.157 in	
Vicat Softening Point	133 Â°C	271 Â°F	Unannealed; ASTM D648
	@Thickness 4.00 mm	@Thickness 0.157 in	
Flash Point	138 Â°C	280 Â°F	50Â°C/hr; ASTM D1525
	@Load 5.10 kg	@Load 11.2 lb	
	>= 450 Â°C	>= 842 Â°F	

Optical Properties	Metric	English	Comments
Refractive Index	1.586	1.586	ASTM D542
Haze	0.70 - 1.5 %	0.70 - 1.5 %	ASTM D1003

Optical Properties	Metric	English	Comments
Transmission, Visible	88%	88%	ASTM D1003

Descriptive Properties	Value	Comments
Autoignition Temperature	>450Â°C	

## Contact Songhan Plastic Technology Co.,Ltd.

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