

## Loxim 100 00V0 Polycarbonate, Flame Retardant

Category : Polymer , Thermoplastic , Polycarbonate (PC) , Polycarbonate, Glass Fiber Filled, Flame Retardant

### Material Notes:

Information provided by Loxim Industries

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Loxim-100-00V0-Polycarbonate-Flame-Retardant.php](http://www.lookpolymers.com/polymer_Loxim-100-00V0-Polycarbonate-Flame-Retardant.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.21 g/cc	1.21 g/cc	ASTM D792
Linear Mold Shrinkage	0.0050 - 0.0070 cm/cm	0.0050 - 0.0070 in/in	ASTM D1299

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	60.0 MPa	8700 psi	ASTM D683
Elongation at Break	>= 100 %	>= 100 %	ASTM D638
Tensile Modulus	2.20 GPa	319 ksi	ASTM D638
Flexural Modulus	2.40 GPa	348 ksi	ASTM D790
Izod Impact, Notched	6.00 - 8.00 J/cm	11.2 - 15.0 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	135 - 140 Â°C	275 - 284 Â°F	ASTM D1525, HDT Method B
Flammability, UL94	V-0 @Thickness 1.60 mm	V-0 @Thickness 0.0630 in	

## Contact Songhan Plastic Technology Co.,Ltd.

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