

## Videolar 500 Crystal Polystyrene (GPPS)

Category : Polymer , Thermoplastic , Polystyrene (PS) , Polystyrene, Transparent Grade

**Material Notes:**

Designed for injection molding Very easy flowing grade for fast cycle injection molding Excellent processability for filling thin parts  
 Features:  
 Good strength Good temperature resistance Excellent clarity  
 Applications: Electronics packaging and office accessories Coextrusion for laminates and film  
 Information provided by Dax Resinas

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Videolar-500-Crystal-Polystyrene-GPPS.php](http://www.lookpolymers.com/polymer_Videolar-500-Crystal-Polystyrene-GPPS.php)

Physical Properties	Metric	English	Comments
Bulk Density	0.650 g/cc	0.0235 lb/in <sup>3</sup>	ISO 060
Density	1.04 g/cc	0.0376 lb/in <sup>3</sup>	ASTM D792
Linear Mold Shrinkage	0.0030 - 0.0060 cm/cm	0.0030 - 0.0060 in/in	
Melt Flow	16 g/10 min @Load 5.00 kg, Temperature 200 °C	16 g/10 min @Load 11.0 lb, Temperature 392 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	42.0 MPa	6090 psi	ASTM D638
Tensile Modulus	2.62 GPa	380 ksi	ASTM D638
Flexural Strength	76.0 MPa	11000 psi	ASTM D790
Flexural Modulus	3.17 GPa	460 ksi	ASTM D790

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	93.0 °C	199 °F	@ 264 psi; ASTM D648
Vicat Softening Point	98.0 °C	208 °F	ASTM D1525
Flammability, UL94	HB	HB	

## Contact Songhan Plastic Technology Co.,Ltd.

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