

## Polyram RamLloy PI300G6 PVDF, 30% Glass Fiber

Category : Polymer , Thermoplastic , Fluoropolymer , PVDF

**Material Notes:**

30% glass fiber reinforced, high thermal resistance high UV and radiation PVDF for injection molding applications Information provided by Polyram Ram On Ind.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Polyram-RamLloy-PI300G6-PVDF-30-Glass-Fiber.php](http://www.lookpolymers.com/polymer_Polyram-RamLloy-PI300G6-PVDF-30-Glass-Fiber.php)

Physical Properties	Metric	English	Comments
Density	1.95 g/cc	0.0704 lb/in <sup>3</sup>	DIN 53479
Water Absorption	>= 0.040 %	>= 0.040 %	DIN 53495
Linear Mold Shrinkage	0.0030 cm/cm	0.0030 in/in	
Melt Flow	7.0 g/10 min @Load 5.00 kg, Temperature 230 °C	7.0 g/10 min @Load 11.0 lb, Temperature 446 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	58.0 MPa	8410 psi	ASTM-D638
Elongation at Break	1.2 %	1.2 %	ASTM-D638
Tensile Modulus	1.10 GPa	160 ksi	ASTM-D790
Flexural Strength	85.0 MPa	12300 psi	ASTM-D790
Flexural Modulus	6.30 GPa	914 ksi	ASTM-D790
Izod Impact, Notched	0.850 J/cm @Temperature 23.0 °C	1.59 ft-lb/in @Temperature 73.4 °F	ASTM-D256

Thermal Properties	Metric	English	Comments
Melting Point	175 °C	347 °F	

## Contact Songhan Plastic Technology Co.,Ltd.

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