

## Polyram RamLloy PA917G4 PP/NYLON 66 alloy, 20% Glass Fiber

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Polypropylene (PP)

**Material Notes:**

20% glass fiber reinforced PA66/PP alloy with reduced water absorption, dimensional stability and UV stabilized 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-PA917G4-PPNYLON-66-alloy-20-Glass-Fiber.php](http://www.lookpolymers.com/polymer_Polyram-RamLloy-PA917G4-PPNYLON-66-alloy-20-Glass-Fiber.php)

Physical Properties	Metric	English	Comments
Density	1.21 g/cc	0.0437 lb/in <sup>3</sup>	DIN 53479
Water Absorption	3.5 %	3.5 %	DIN 53495
Moisture Absorption at Equilibrium	1.5 %	1.5 %	DIN 53714
Linear Mold Shrinkage	0.00 - 0.0050 cm/cm	0.00 - 0.0050 in/in	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	121	121	ASTM-D785
Tensile Strength, Yield	115 MPa	16700 psi	ASTM-D638
Elongation at Break	3.0 %	3.0 %	ASTM-D638
Flexural Strength	195 MPa	28300 psi	ASTM-D790
Flexural Modulus	5.70 GPa	827 ksi	ASTM-D790
Izod Impact, Notched	1.00 J/cm @Temperature 23.0 °C	1.87 ft-lb/in @Temperature 73.4 °F	ASTM-D256

Thermal Properties	Metric	English	Comments
Melting Point	256 °C	493 °F	
Maximum Service Temperature, Air	80.0 °C	176 °F	Continuous Use
	150 °C	302 °F	Short peaks operation
Flammability, UL94	HB @Thickness 3.00 mm	HB @Thickness 0.118 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