

## Polyram RamOfin PPC501 Polypropylene, Flame Retardant

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Flame Retardant

### Material Notes:

Flame retardant polypropylene for injection molding applications Information provided by Polyram Ram On Ind.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Polyram-RamOfin-PPC501-Polypropylene-Flame-Retardant.php](http://www.lookpolymers.com/polymer_Polyram-RamOfin-PPC501-Polypropylene-Flame-Retardant.php)

Physical Properties	Metric	English	Comments
Density	0.920 g/cc	0.0332 lb/in <sup>3</sup>	DIN 53479
Linear Mold Shrinkage	0.020 cm/cm	0.020 in/in	
Melt Flow	12 g/10 min @Load 2.16 kg, Temperature 190 °C	12 g/10 min @Load 4.76 lb, Temperature 374 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	25.0 MPa	3630 psi	ASTM-D638
Elongation at Break	200 %	200 %	ASTM-D638
Tensile Modulus	1.20 GPa	174 ksi	ASTM-D790
Flexural Strength	35.0 MPa	5080 psi	ASTM D790
Flexural Modulus	1.50 GPa	218 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	165 °C	329 °F	
Glow Wire Test	850 °C	1560 °F	

## Contact Songhan Plastic Technology Co.,Ltd.

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