

## Polyplastic Armlen® PP MF 30-3IM Polypropylene, 30% Mineral Filled

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Mineral Reinforced, Impact Modified

**Material Notes:**

UV resistant, impact modified, heat stabilized Information provided by PolyPlastic Group.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Polyplastic-Armlen-PP-MF-30-3IM-Polypropylene-30-Mineral-Filled.php](http://www.lookpolymers.com/polymer_Polyplastic-Armlen-PP-MF-30-3IM-Polypropylene-30-Mineral-Filled.php)

Physical Properties	Metric	English	Comments
Density	1.17 g/cc	0.0423 lb/in <sup>3</sup>	ISO 1183
Linear Mold Shrinkage, Flow	0.0070 - 0.040 cm/cm	0.0070 - 0.040 in/in	ISO 294-4
Linear Mold Shrinkage, Transverse	0.0070 - 0.010 cm/cm	0.0070 - 0.010 in/in	ISO 294-4
Melt Flow	11 - 13 g/10 min @Load 2.16 kg, Temperature 230 °C	11 - 13 g/10 min @Load 4.76 lb, Temperature 446 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	18.0 MPa	2610 psi	ISO 527
Elongation at Break	15 %	15 %	ISO 527
Charpy Impact Unnotched	6.00 J/cm <sup>2</sup> @Temperature 23.0 °C	28.6 ft-lb/in <sup>2</sup> @Temperature 73.4 °F	ISO 179/1eU

Processing Properties	Metric	English	Comments
Melt Temperature	230 - 240 °C	446 - 464 °F	
Mold Temperature	60.0 °C	140 °F	

### Contact Songhan Plastic Technology Co.,Ltd.

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