

## Polyplastic Armlen® PP MF 20-3IM Impact Modified Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Impact Modified; Molded/Extruded

### Material Notes:

Impact modified polypropylene composite material Information provided by PolyPlastic Group.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Polyplastic-Armlen-PP-MF-20-3IM-Impact-Modified-Polypropylene.php](http://www.lookpolymers.com/polymer_Polyplastic-Armlen-PP-MF-20-3IM-Impact-Modified-Polypropylene.php)

Physical Properties	Metric	English	Comments
Density	1.02 g/cc	0.0368 lb/in <sup>3</sup>	ISO 1183
Linear Mold Shrinkage, Flow	0.011 cm/cm	0.011 in/in	
Linear Mold Shrinkage, Transverse	0.011 cm/cm	0.011 in/in	
Melt Flow	12 g/10 min @Load 2.16 kg, Temperature 230 °C	12 g/10 min @Load 4.76 lb, Temperature 446 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Modulus	2.00 GPa	290 ksi	ISO 527-1
Izod Impact, Notched (ISO)	22.0 kJ/m <sup>2</sup>	10.5 ft-lb/in <sup>2</sup>	ISO 180

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	110 °C	230 °F	ISO 75A
Deflection Temperature at 1.8 MPa (264 psi)	68.0 °C	154 °F	ISO 75A

Processing Properties	Metric	English	Comments
Melt Temperature	220 - 230 °C	428 - 446 °F	
Mold Temperature	60.0 °C	140 °F	

## Contact Songhan Plastic Technology Co.,Ltd.

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