

## Polyplastic Armlen® PP 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-3IM-Impact-Modified-Polypropylene.php](http://www.lookpolymers.com/polymer_Polyplastic-Armlen-PP-3IM-Impact-Modified-Polypropylene.php)

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in <sup>3</sup>	ISO 1183
Melt Flow	14 g/10 min @Load 2.16 kg, Temperature 230 °C	14 g/10 min @Load 4.76 lb, Temperature 446 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Modulus	1.00 GPa	145 ksi	ISO 527-1/-2
Flexural Modulus	0.850 GPa	123 ksi	ISO 178
Izod Impact, Notched (ISO)	40.0 kJ/m <sup>2</sup> @Temperature 23.0 °C	19.0 ft-lb/in <sup>2</sup> @Temperature 73.4 °F	ISO 180

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	88.0 °C	190 °F	ISO 75-1/-2
Deflection Temperature at 1.8 MPa (264 psi)	55.0 °C	131 °F	ISO 75-1/-2

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.

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