

Polyplastic Armamid® PA6 GF 30-2HSM-902 Nylon, 30% Glass Filled

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6 , 30% Glass Fiber Filled

Material Notes:

Heat stabilized Information provided by PolyPlastic Group.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Polyplastic-Armamid-PA6-GF-30-2HSM-902-Nylon-30-Glass-Filled.php

Physical Properties	Metric	English	Comments
Density	1.37 g/cc	0.0495 lb/in ³	ISO 1183
Melt Flow	9.0 g/10 min	9.0 g/10 min	ISO 1133
	@Load 2.16 kg, Temperature 250 °C	@Load 4.76 lb, Temperature 482 °F	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	165 MPa	23900 psi	ISO 527-1/-2
Elongation at Break	4.9 %	4.9 %	ISO 527-1/-2
Tensile Modulus	9.20 GPa	1330 ksi	ISO 527-1/-2
Flexural Strength	240 MPa	34800 psi	ISO 178
Flexural Modulus	7.90 GPa	1150 ksi	ISO 178
Charpy Impact Unnotched	6.30 J/cm ²	30.0 ft-lb/in ²	ISO 179/1eU
	@Temperature -30.0 °C	@Temperature -22.0 °F	
	7.50 J/cm ²	35.7 ft-lb/in ²	ISO 179/1eU
	@Temperature 23.0 °C	@Temperature 73.4 °F	
Charpy Impact, Notched	0.800 J/cm ²	3.81 ft-lb/in ²	ISO 179/1eA
	@Temperature -30.0 °C	@Temperature -22.0 °F	
	1.20 J/cm ²	5.71 ft-lb/in ²	ISO 179/1eA
	@Temperature 23.0 °C	@Temperature 73.4 °F	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	217 °C	423 °F	ISO 75-1/-2
Deflection Temperature at 1.8 MPa (264 psi)	204 °C	399 °F	ISO 75-1/-2

Processing Properties	Metric	English	Comments
Melt Temperature	260 - 270 °C	500 - 518 °F	
Mold Temperature	80.0 °C	176 °F	
Drying Temperature	85.0 °C @Time 7200 - 14400 sec	185 °F @Time 2.00 - 4.00 hour	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China