

PolyOne Bergamid™ A700 TM-YF Polyamide 66 (Nylon 66)

Category : Polymer , Thermoplastic , Nylon , Nylon 66

Material Notes:

Information provided by PolyOne

Order this product through the following link:

http://www.lookpolymers.com/polymer_PolyOne-Bergamid-A700-TM-YF-Polyamide-66-Nylon-66.php

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	40.0 MPa @Temperature 23.0 °C	5800 psi @Temperature 73.4 °F	dry as moulded; ISO 527-2/50
Elongation at Yield	40 % @Temperature 23.0 °C	40 % @Temperature 73.4 °F	dry as moulded; ISO 527-2/50
Tensile Modulus	1.20 GPa @Temperature 23.0 °C	174 ksi @Temperature 73.4 °F	dry as moulded; ISO 527-2/1
Charpy Impact Unnotched	NB @Temperature 23.0 °C	NB @Temperature 73.4 °F	ISO 179/1eU

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+12 ohm-cm	1.00e+12 ohm-cm	IEC 60093
Surface Resistance	1.00e+10 ohm	1.00e+10 ohm	IEC 60093
Dielectric Constant	3.6 @Frequency 1.00e+6 Hz	3.6 @Frequency 1.00e+6 Hz	IEC 60250
Dielectric Strength	55.0 kV/mm	1400 kV/in	IEC 60243-1
Dissipation Factor	0.060 @Frequency 1.00e+6 Hz	0.060 @Frequency 1.00e+6 Hz	IEC 60250
Comparative Tracking Index	600 V	600 V	Solution A; IEC 60112

Processing Properties	Metric	English	Comments
Melt Temperature	270 - 290 °C	518 - 554 °F	
Mold Temperature	40.0 - 80.0 °C	104 - 176 °F	
Drying Temperature	80.0 °C	176 °F	Desiccant Dryer

Dry Time Processing Properties	4.00 - 8.00 hour Metric	4.00 - 8.00 hour English	Desiccant Dryer Comments
-----------------------------------	----------------------------	-----------------------------	-----------------------------

Descriptive Properties	Value	Comments
Generic Material	Nylon 66	
Generic Name	Polyamide 66 (Nylon 66)	
Regional Availability	Africa & Middle East	
	Asia Pacific	
	Europe	
	North America	
	South America	

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