

## PolyOne Bergamid™ A700 G20 HW UF 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-G20-HW-UF-Polyamide-66-Nylon-66.php](http://www.lookpolymers.com/polymer_PolyOne-Bergamid-A700-G20-HW-UF-Polyamide-66-Nylon-66.php)

Mechanical Properties	Metric	English	Comments
Tensile Modulus	7.20 GPa @Temperature 23.0 °C	1040 ksi @Temperature 73.4 °F	ISO 527-2/1

Thermal Properties	Metric	English	Comments
Flammability, UL94	V-0 @Thickness 0.400 mm	V-0 @Thickness 0.0157 in	ALL; UL 94
	V-0 @Thickness 0.750 mm	V-0 @Thickness 0.0295 in	ALL; UL 94
	V-0 @Thickness 1.50 mm	V-0 @Thickness 0.0591 in	ALL; UL 94
	V-0 @Thickness 3.00 mm	V-0 @Thickness 0.118 in	ALL; UL 94

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

Processing Properties	Metric	English	Comments
Melt Temperature	260 - 280 °C	500 - 536 °F	
Mold Temperature	60.0 - 90.0 °C	140 - 194 °F	
Drying Temperature	80.0 °C	176 °F	
Dry Time	3.00 - 4.00 hour	3.00 - 4.00 hour	
Hold Pressure	40.0 - 90.0 MPa	5800 - 13100 psi	

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

## Contact Songhan Plastic Technology Co.,Ltd.

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