

DuPont Performance Polymers Zytel® 70G25HSLR BK099 Nylon 66 (Unverified Data**)

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, 30% Glass Fiber Filled

Material Notes:

25% Glass Reinforced Heat Stabilized Hydrolysis Resistant Polyamide 66 Zytel 70G25HSLR BK099 is a 25% glass fiber reinforced heat stabilized hydrolysis resistant polyamide 66 resin for injection molding. Information provided by DuPont Performance Polymers

Order this product through the following link:

http://www.lookpolymers.com/polymer_DuPont-Performance-Polymers-Zytel-70G25HSLR-BK099-Nylon-66-nbspUnverified-Data.php

Physical Properties	Metric	English	Comments
Density	1.32 g/cc	0.0477 lb/in ³	DAM; ISO 1183

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	120 MPa	17400 psi	50%RH; ISO 527-1/-2
	180 MPa	26100 psi	DAM; ISO 527-1/-2
Elongation at Break	3.0 %	3.0 %	DAM; ISO 527-1/-2
	6.0 %	6.0 %	50%RH; ISO 527-1/-2
Tensile Modulus	6.10 GPa	885 ksi	50%RH; ISO 527-1/-2
	8.40 GPa	1220 ksi	DAM; ISO 527-1/-2
Charpy Impact Unnotched	6.00 J/cm ²	28.6 ft-lb/in ²	DAM; ISO 179/1eU
	8.00 J/cm ²	38.1 ft-lb/in ²	50%RH; ISO 179/1eU
Charpy Impact, Notched	1.00 J/cm ²	4.76 ft-lb/in ²	DAM; ISO 179/1eA
	1.10 J/cm ²	5.23 ft-lb/in ²	50%RH; ISO 179/1eA

Thermal Properties	Metric	English	Comments
Melting Point	262 °C	504 °F	DAM; 10°C/min; ISO 11357-1/-3
Deflection Temperature at 1.8 MPa (264 psi)	252 °C	486 °F	DAM; ISO 75-1/-2
	@Thickness 1.50 mm	@Thickness 0.0591 in	
Flame Spread	27 mm/min	1.1 in/min	ISO 3795 (FMVSS 302)
	@Thickness 1.00 mm	@Thickness 0.0394 in	

Descriptive Properties	Value	Comments
Part Marking Code	>PA66-GF25<	ISO 11469

Descriptive Properties Processing	Value Injection Moulding	Comments
Regional Availability	Asia Pacific	
	Europe	
	Global	
	Near East/Africa	
	North America	
	South and Central America	
Resin Identification	PA66-GF25	
Special Characteristics	Heat stabilised or stable to heat	

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