

GLS Nylon 66 LK39

Polyamide 66
GLS Polymers Pvt. Ltd.

Message:
Nylon66 15% PTFE Precolor

General Information			
Filler / Reinforcement	PTFE Fiber,15% Filler by Weight		
Appearance	Colors Available		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.23 to 1.24	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.20 mm)	1.5 to 3.0	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	> 2800	MPa	ASTM D638
Tensile Strength ¹ (Yield)	> 66.0	MPa	ASTM D638
Flexural Modulus	> 2400	MPa	ASTM D790
Flexural Strength	> 96.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.20 mm)	> 48	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	76.0 to 80.0	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating (3.00 mm)	HB		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	4.0	hr	
Processing (Melt) Temp	275 to 298	°C	
Mold Temperature	67.0 to 106	°C	
Injection Pressure	68.0 to 128	MPa	
NOTE			
1.	50 mm/min		

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Recommended distributors for this material

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