

GLS Nylon 6 PG69

Polyamide 6

GLS Polymers Pvt. Ltd.

Message:

Nylon6 30% GF Precolor

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Appearance	Colors Available		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.35 to 1.37	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.20 mm)	0.20 to 0.40	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	135 to 145	MPa	ASTM D638
Tensile Elongation ² (Yield)	3.0 to 4.0	%	ASTM D638
Flexural Modulus ³	8000 to 8500	MPa	ASTM D790
Flexural Strength ⁴	215 to 225	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.20 mm)	85 to 95	J/m	ASTM D256
Flammability	Nominal Value		Test Method
Flame Rating (3.20 mm)	HB		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	85.0	°C	
Drying Time	3.0	hr	
Processing (Melt) Temp	245 to 280	°C	
Mold Temperature	55.0 to 95.0	°C	
Injection Pressure	68.0 to 105	MPa	
NOTE			
1.	50 mm/min		
2.	50 mm/min		
3.	2.0 mm/min		
4.	2.0 mm/min		

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Recommended distributors for this material

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