

GLS PP YG49

Polypropylene

GLS Polymers Pvt. Ltd.

Message:

PP 20GF

General Information			
Filler / Reinforcement	Glass Fiber,20% Filler by Weight		
Appearance	Colors Available		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.05 to 1.06	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	4.0 to 8.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	28.0 to 32.0	MPa	ASTM D638
Tensile Elongation (Yield)	> 5.0	%	ASTM D638
Flexural Modulus	2200 to 2600	MPa	ASTM D790
Flexural Strength	46.0 to 52.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.20 mm)	35 to 45	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	75.0 to 80.0	°C	ASTM D648
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	2.0	hr	
Processing (Melt) Temp	190 to 220	°C	
Mold Temperature	32.0 to 64.0	°C	
Injection Pressure	65.0 to 105	MPa	

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Recommended distributors for this material

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