

GLS PP YT49

Polypropylene

GLS Polymers Pvt. Ltd.

Message:

PP 20 TALC

General Information			
Filler / Reinforcement	Talc,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)	6.0 to 10	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	23.0 to 27.0	MPa	ASTM D638
Tensile Elongation (Yield)	> 5.0	%	ASTM D638
Flexural Modulus	1800 to 2000	MPa	ASTM D790
Flexural Strength	25.0 to 30.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.20 mm)	55 to 70	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	78.0	°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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