

GLS PP YT03

Polypropylene

GLS Polymers Pvt. Ltd.

Message:

PP 15 TALC PRECOLOR

General Information			
Filler / Reinforcement	Talc,15% Filler by Weight		
Appearance	Colors Available		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.990 to 1.02	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	> 6.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow (3.20 mm)	1.1 to 1.6	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	> 2300	MPa	ASTM D638
Tensile Strength	> 28.0	MPa	ASTM D638
Tensile Elongation (Break)	> 9.0	%	ASTM D638
Flexural Modulus	> 1800	MPa	ASTM D790
Flexural Strength	> 44.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.20 mm)	> 50	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	> 58.0	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	2.0	hr	
Processing (Melt) Temp	190 to 235	°C	
Mold Temperature	33.0 to 65.0	°C	
Injection Pressure	70.0 to 104	MPa	

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Recommended distributors for this material

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