

GLS PP YT29

Polypropylene

GLS Polymers Pvt. Ltd.

Message:

PP 10 TALC PRECOLOR

General Information			
Filler / Reinforcement	Talc,10% Filler by Weight		
Appearance	Colors Available		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.13 to 1.60	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	7.0	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 Strength	24.0 to 27.0	MPa	ASTM D638
Tensile Elongation (Break)	10 to 20	%	ASTM D638
Flexural Modulus	1400 to 1600	MPa	ASTM D790
Flexural Strength	29.0 to 32.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.20 mm)	70 to 90	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	58.0 to 62.0	°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 230	°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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