

GLS PP ZT89

Polypropylene

GLS Polymers Pvt. Ltd.

Message:

PP 40 Mineral Precolor

General Information			
Filler / Reinforcement	Mineral,40% Filler by Weight		
Appearance	Colors Available		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.22 to 1.24	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	> 5.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	30.0 to 34.0	MPa	ASTM D638
Tensile Elongation (Break)	> 10	%	ASTM D638
Flexural Modulus	3000 to 3400	MPa	ASTM D790
Flexural Strength	45.0 to 50.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.20 mm)	30 to 40	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	78.0 to 82.0	°C	ASTM D648
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	2.0	hr	
Processing (Melt) Temp	190 to 230	°C	
Mold Temperature	34.0 to 67.0	°C	
Injection Pressure	68.0 to 105	MPa	

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Recommended distributors for this material

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