

GLS PP YT06 (PP30 Talc)

Polypropylene

GLS Polymers Pvt. Ltd.

Message:

PP30 Talc Precolor

General Information			
Filler / Reinforcement	Talc,30% Filler by Weight		
Appearance	Colors Available		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.13 to 1.14	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	> 4.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	28.0	MPa	ASTM D638
Tensile Elongation (Break)	> 5.0	%	ASTM D638
Flexural Modulus	> 2800	MPa	ASTM D790
Flexural Strength	> 46.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.20 mm)	> 40	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	> 55.0	°C	
1.8 MPa, Unannealed	> 76.0	°C	
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

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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