

GLS PP YN06 HF2

Polypropylene
GLS Polymers Pvt. Ltd.

Message:
PPCP FR V0

General Information			
RoHS Compliance	RoHS Compliant		
Appearance	Colors Available		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.940 to 0.960	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	> 8.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow (3.20 mm)	1.2 to 1.8	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	22.0 to 26.0	MPa	ASTM D638
Tensile Elongation (Yield)	> 10	%	ASTM D638
Flexural Modulus	1200 to 1500	MPa	ASTM D790
Flexural Strength	26.0 to 30.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.20 mm)	100 to 140	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	52.0 to 58.0	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating (3.00 mm)	V-0		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	78.0	°C	
Drying Time	2.0	hr	
Processing (Melt) Temp	175 to 205	°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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