

GLS PP YN06 MH1

Polypropylene
GLS Polymers Pvt. Ltd.

Message:
PP FR V0

General Information			
Appearance	Colors Available		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.18 to 1.20	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	6.0 to 10	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	20.0 to 24.0	MPa	ASTM D638
Tensile Elongation (Yield)	10 to 20	%	ASTM D638
Flexural Modulus	1500 to 1800	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)	50 to 60	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	63.0 to 65.0	°C	ASTM D648
Flammability	Nominal Value	Test Method	
Flame Rating (3.20 mm)	V-0	UL 94	
Injection	Nominal Value	Unit	
Drying Temperature	78.0	°C	
Drying Time	2.0	hr	
Processing (Melt) Temp	190 to 220	°C	
Mold Temperature	32.0 to 64.0	°C	
Injection Pressure	65.0 to 105	MPa	

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