

GLS PP AN06 EH2

Polypropylene
GLS Polymers Pvt. Ltd.

Message:
PP FR V0 PRECOLOR Extrusion Grade

General Information			
Uses	Corrugated Pipe		
	Piping		
	Tubing		
Appearance	Colors Available		
Processing Method	Extrusion		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.780 to 1.18	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	1.0 to 2.0	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 ¹	22.0 to 28.0	MPa	ASTM D638
Tensile Elongation (Yield)	> 20	%	ASTM D638
Flexural Modulus	1000 to 1500	MPa	ASTM D790
Flexural Strength	20.0 to 25.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.20 mm)	450 to 500	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	40.0 to 46.0	°C	ASTM D648
Flammability	Nominal Value	Test Method	
Flame Rating	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	
NOTE			

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Recommended distributors for this material

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