INSTRUC PPGB10HF

Polypropylene

Infinity LTL Engineered Compounds

Message:

10% GLASS BEAD FILLED, HIGH FLOW POLYPROPYLENE

General Information			
Filler / Reinforcement	Glass Bead,10% Filler by Weight		
Features	High Flow		
Processing Method	Injection Molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Specific Gravity	0.968	g/cm³	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	1.4 to 1.9	%	ASTM D955
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength (Break)	27.6	MPa	ASTM D638
Tensile Elongation (Break)	> 10	%	ASTM D638
Flexural Modulus	1380	MPa	ASTM D790
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact	43	J/m	ASTM D256
Unnotched Izod Impact	690	J/m	ASTM D4812
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load (1.8 MPa, Unannealed)	57.2	°C	ASTM D648
Electrical	**Nominal Value**	**Unit**	**Test Method**
Surface Resistivity	> 1.0E+17	ohms	ASTM D257
Injection	**Nominal Value**	**Unit**	
Drying Temperature	76.7	°C	
Drying Time	2.0	hr	
Processing (Melt) Temp	227	°C	
Mold Temperature	37.8	°C	
Back Pressure	0.345 to 0.689	MPa	
Screw Speed	40 to 70	rpm	
Vent Depth	0.013 to 0.025	mm	

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