

GLS POLYMERS PVT.LTD

(Manufacturer of Blends, compounds & Reactive polymers)



Product Data Sheet

Product :- PP 10%GF Chemically Coupled

Grade :- ZG29

	UNIT	VALUE	ASTM TEST
Filler content	%	10+-1	
Specific Gravity	-----	0.97 - 0.98	D 792
Melt Flow Rate @ 230 °C, / 2.16 kg	g/10 min	4.00 -8.00	D 1238
Molding Shrinkage 3.2 mm section	%	0.40 - 0.80	D 955
MECHANICAL			
Impact Strength, Izod			
notched 1/8 in (3.2 mm) section	J/m	80 - 100	D 256
Tensile Strength	MPa	38 - 42	D 638
Tensile Elongation	%	>7	D 638
Flexural Strength	MPa	50 -56	D 790
Flexural Modulus	MPa	2000 - 2500	D 790
THERMAL			
Heat Deflection Temperature			
@ 264 psi (1820 kPa)	°C	92 -95	D 648
GENERAL PROCESSING FOR INJECTION MOLDING			
Injection Pressure	MPa	69 - 103	
Melt Temperature	°C	191 - 232	
Mold Temperature	°C	32 - 66	
Drying	hr @ °C	2 @ 79	
Data herein is typical and not to be construed as specifications. Unless otherwise specified, all data listed is for natural or black colored materials. Pigments can affect properties. The Above mentioned technical data is purely indicative and is given without any guarantee . Values as GLS Polymers tested			
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