

GLS POLYMERS PVT.LTD

(Manufacturer of Blends, compounds & Reactive Polymers)



Product Data Sheet

Product : PP 20GF

Grade : YG49

	UNIT	VALUE	ASTM
Specific Gravity	-----	1.05- 1.06	D 792
Melt Flow Rate @ 230 °C / 2.16 kg	g/10 min	4 - 8	D 1238
MECHANICAL			
Impact Strength, Izod			
notched 1/8 in (3.2 mm) section	J/m	35 - 45	D 256
Tensile Strength	MPa	28 - 32	D 638
Tensile Elongation @ Yield	%	> 5	D 638
Flexural Strength	MPa	46 - 52	D 790
Flexural Modulus	MPa	2200 - 2600	D 790
THERMAL			
Heat Deflection Temperature			
@ 264 psi (1820 kPa)	°C	75 - 80	D 648
GENERAL PROCESSING FOR INJECTION MOLDING			
Injection Pressure	MPa	65 -105	
Melt Temperature	°C	190 - 220	
Mold Temperature	°C	32-64	
Drying	hr @ °C	2 @ 78	
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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