

# GLS POLYMERS PVT.LTD

(Manufacturer of Blends, compounds & Reactive polymers )



Product Data Sheet  
Product :- PP 40 Mineral Precolor  
Grade :- ZT89

	UNIT	VALUE	ASTM
Specific Gravity	-----	1.22 - 1.24	D 792
Melt Flow Rate @ 230 °C, /2.16 kg	g/10 min	Min 5	D 1238
<b>MECHANICAL</b>			
Impact Strength, Izod			
notched 1/8 in (3.2 mm) section	J/m	30- 40	D 256
Tensile Strength	MPa	30 - 34	D 638
Tensile Elongation	%	>10	D 638
Flexural Strength	MPa	45 - 50	D 790
Flexural Modulus	MPa	3000 - 3400	D 790
<b>THERMAL</b>			
Heat Deflection Temperature			
@ 1820 Kpa	°C	78 - 82	D 648
<b>GENERAL PROCESSING FOR INJECTION MOLDING</b>			
Injection Pressure	MPa	68 - 105	
Melt Temperature	°C	190 -230	
Mold Temperature	°C	34 -67	
Drying	hr @ °C	2 @ 80	
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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