

GLS POLYMERS PVT.LTD

(Manufacturer of Blends, compounds & Reactive polymers)



Product Data Sheet

Product :-Thermoplastic Olefin
Grade :- TPO1

	UNIT	VALUE	ASTM TEST
Specific Gravity	-----	0.91 - 0.93	D 792
Melt Flow Rate @ 300 °C, / 1.2 kg	g/10 min	Min 5	D 1238
Molding Shrinkage 3.2 mm section	%	1.9 -2.1	D 955
MECHANICAL			
Impact Strength, Izod			
notched 1/8 in (3.2 mm) section	J/m	Min 500	D 256
Tensile Strength at Yield	MPa	Min 12	D 638
Tensile Elongation at Yield	%	Min 15	D 638
Flexural Strength	MPa	Min 19	D 790
Hardness ShoreA	ShoreA	80 -85	D 2240
GENERAL PROCESSING FOR INJECTION MOLDING			
Injection Pressure	MPa	85 -125	
Melt Temperature	°C	190- 205	
Mold Temperature	°C	10 -80	
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.			
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