

GLS POLYMERS PVT.LTD

(Manufacturer of Blends, compounds & Reactive polymers)



Product Data Sheet

Product :- PC 20 GF Precolor

Grade :- MG49

	UNIT	VALUE	ASTM
Specific Gravity	-----	1.33 +- 0.1	D 792
Melt Flow Rate @ 300 °C, / 1.2 kg	g/10 min	6 min	D 1238
Molding Shrinkage 3.2 mmsection	%	0.2 - 0.4	D 955
MECHANICAL			
Impact Strength, Izod			
notched 1/8 in (3.2 mm) section	J/m	120 Min	D 256
Tensile Strength @ yield 50mm/min	MPa	90 min	D 638
Tensile Modulus	MPa	5000 Min	D 638
Flexural Strength	MPa	160 Mim	D 790
Flexural Modulus	MPa	5000 Min	D 790
THERMAL			
Heat Deflection Temperature			
@ 264 psi (1820 kPa)	°C	139 Min	D 648
Flammability @ 3.0mm	-----	HB	UL94
GENERAL PROCESSING FOR INJECTION MOLDING			
Injection Pressure	MPa	68-104	
Melt Temperature	°C	280- 305	
Mold Temperature	°C	85 - 122	
Drying	hr @ °C	4 @ 120	
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 tchnical data is purely indicative and is given without any guarantee			
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