

GLS POLYMERS PVT.LTD

(Manufacturer of Blends, compounds & Reactive polymers)



Product Data Sheet

Product :- ABS 20% GF Precolor

Grade :- SG49

	UNIT	VALUE	ASTM TEST
Specific Gravity	-----	1.18 +- 0.2	D 792
Melt Flow Rate @ 220 °C, / 10 kg	g/10 min	10 min	D 1238
Molding Shrinkage 3.2 mm section	%	0.1 -0.3	D 955
MECHANICAL			
Impact Strength, Izod			
Notched 1/8 in (6.2 mm)	J/m	40 Min	D 256
Tensile Strength @ yield 50mm/min	MPa	62 Min	D 638
Tensile Modulus 50mm/min	MPa	5200 Min	D 638
Flexural Strength 2mm/min	MPa	82 Min	D 790
Flexural Modulus 2mm/min	MPa	3600 Min	D 790
THERMAL			
Heat Deflection Temperature			
@ 264 psi (1820 kPa)	°C	101	D 648
@ 66 psi (455 kPa)	°C	103	D 648
Flammability**	-----	HB	UL94
GENERAL PROCESSING FOR INJECTION MOLDING			
Injection Pressure	MPa	69 - 102	
Melt Temperature	°C	205 - 240	
Mold Temperature	°C	60 - 85	
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 tchnical data is purely indicative and is given without any guarantee .			
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