

# GLS POLYMERS PVT.LTD

(Manufacturer of Blends, compounds & Reactive polymers )



## Product Data Sheet

Product :- ABS 15 GF Precolor  
Grade :- **SG39**

	UNIT	VALUE	ASTM TEST
Specific Gravity	-----	1.15 -1.16	D 792
Melt Flow Rate @ 230 °C, / 2.16 kg	g/10 min	10 min	D 1238
Molding Shrinkage 3.2 mmsection	%	0.2 - 0.6	D 955
<b>MECHANICAL</b>			
Impact Strength, Izod			
notched 1/8 in (3.2 mm) section	J/m	50 Min	D 256
Tensile Strength @ yield 50mm/min	MPa	60 Min	D 638
Tensile Modulus	MPa	5000 Min	D 638
Flexural Strength	MPa	80 Mim	D 790
Flexural Modulus	MPa	3200 min	D 790
<b>THERMAL</b>			
Heat Deflection Temperature			
@ 264 psi (1820 kPa)	°C	99 Min	D 648
@ 66 psi (455 kPa)	°C	101Min	D 648
Flammability**	-----	HB	UL94
<b>GENERAL PROCESSING FOR INJECTION MOLDING</b>			
Injection Pressure	MPa	68-102	
Melt Temperature	°C	205-235	
Mold Temperature	°C	60-80	
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 guaranteee			
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