

# GLS POLYMERS PVT.LTD

(Manufacturer of Blends, compounds & Reactive polymers )



## Product Data Sheet

Product :- ABS 10 GF Precolor  
Grade :- SG29

	UNIT	VALUE	ASTM
Specific Gravity	-----	1.12 -1.13	D 792
Melt Flow Rate @ 230 °C, / 2.16 kg	g/10 min	10 min	D 1238
Molding Shrinkage 3.2 mmsection	%	0.3 - 0.5	D 955
<b>MECHANICAL</b>			
Impact Strength, Izod			
notched 1/8 in (3.2 mm) section	J/m	60 - 75	D 256
Tensile Strength @ yield 50mm/min	MPa	60 Min	D 638
Tensile Modulus	MPa	4600 Min	D 638
Flexural Strength	MPa	90 Mim	D 790
Flexural Modulus	MPa	3700 Min	D 790
<b>THERMAL</b>			
Heat Deflection Temperature			
@ 264 psi (1820 kPa)	°C	96 Min	D 648
@ 66 psi (455 kPa)	°C	100 Min	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 guarantee			
GLS POLYMERS PVT LTD, #415, 11th CROSS, 4th PHASE, PIA, BANGALORE-560 058, INDIA glsp@glspolymers.com			