

# GLS POLYMERS PVT.LTD

(Manufacturer of Blends, compounds & Reactive polymers )



## Product Data Sheet

Product :- ABS Precolor

Grade :- SN09

	UNIT	VALUE	ASTM
Specific Gravity	-----	1.04 -1.042	D 792
Melt Flow Rate @ 220 °C, / 10 kg	g/10 min	10 min	D 1238
Molding Shrinkage 3.2 mm section	%	0.3 - 0.5	D 955
<b>MECHANICAL</b>			
Impact Strength, Izod			
Notched 1/8 in (3.2 mm) section	J/m	180 Min	D 256
Tensile Strength @ yield 50mm/min	MPa	45.0 Min	D 638
Tensile Elongation at Yield	%	> 5	D 638
Flexural Strength 2mm / min	MPa	60 Mim	D 790
Flexural Modulus 2mm / min	MPa	2250 min	D 790
<b>THERMAL</b>			
Heat Deflection Temperature			
@ 264 psi (1820 kPa)	°C	84 -89	D 648
Flammability**	-----	HB	UL94
<b>GENERAL PROCESSING FOR INJECTION MOLDING</b>			
Injection Pressure	MPa	68-102	
Melt Temperature	°C	205-230	
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			