

# GLS POLYMERS PVT.LTD

(Manufacturer of Blends, compounds & Reactive polymers )



## Product Data Sheet

Product :- PC /ABS Precolor

Grade : MS109

	UNIT	VALUE	ASTM
Specific Gravity	-----	1.14- 1.15	D 792
Melt Flow Rate @ 260 °C, / 5.0 kg	g/10 min	10 min	D 1238
Molding Shrinkage 3.2 mmsection	%	0.5 - 0.7	D 955
<b>MECHANICAL</b>			
Impact Strength, Izod			
notched 1/8 in (3.2 mm) section	J/m	550 - 600	D 256
Tensile Strength @ yield 50mm/min	MPa	65 - 68	D 638
Tensile Elongation at Break	%	20 Min	D 638
Flexural Strength	MPa	106-114	D 790
Flexural Modulus	MPa	3500-3800	D 790
<b>THERMAL</b>			
Heat Deflection Temperature			
@ 264 psi (1820 kPa)	°C	110- 114	D 648
Flammability @ 3 mm	-----	HB	UL94
<b>GENERAL PROCESSING FOR INJECTION MOLDING</b>			
Injection Pressure	MPa	68-102	
Melt Temperature	°C	234-265	

<b>Mold Temperature</b>	<b>°C</b>	<b>100 - 110</b>	
<b>Drying</b>	<b>hr @ °C</b>	<b>3 @ 95</b>	
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 technical data is purely indicative and is given without any guarantee			
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