

GLS POLYMERS PVT.LTD

(Manufacturer of Blends, compounds & Reactive polymers)



Product Data Sheet

Product :- PC /ABS Precolor

Grade : MS309

	UNIT	VALUE	ASTM
Specific Gravity	-----	1.10 +- 0.1	D 792
Melt Flow Rate @ 260 °C, /5.0 kg	g/10 min	20 min	D 1238
Molding Shrinkage 3.2 mmsection	%	0.5 - 0.7	D 955
MECHANICAL			
Impact Strength, Izod			
notched 1/8 in (3.2 mm) section	J/m	250 - 300	D 256
Tensile Strength @ yield 50mm/min	MPa	45 - 50	D 638
Flexural Strength	MPa	90 - 95	D 790
Flexural Modulus	MPa	3000 - 3500	D 790
THERMAL			
Heat Deflection Temperature			
@ 264 psi (1820 kPa)	°C	96 -100	D 648
Flammability @ 3 mm	-----	HB	UL94
GENERAL PROCESSING FOR INJECTION MOLDING			
Injection Pressure	MPa	68-102	
Melt Temperature	°C	234-265	
Mold Temperature	°C	100 - 110	
Drying	hr @ °C	3 @ 95	
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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