

# GLS POLYMERS PVT.LTD

(Manufacturer of Blends, compounds & Reactive polymers )



## Product Data Sheet

Product :- ABS HR2 (Heat Resistance) Precolor

Grade :- WN02

	UNIT	VALUE	ASTM
Specific Gravity	-----	1.04 - 1.042	D 792
Melt Flow Rate @ 220 °C, /10 kg	g/10 min	8 Min	D 1238
Molding Shrinkage	%	0.45 - 0.65	D 955
<b>MECHANICAL</b>			
Impact Strength, Izod			
notched 1/8 in (3.2 mm) section	J/m	150 Min	D 256
Tensile Strength @ 50mm/min	MPa	50 Min	D 638
Flexural Strength 2mm/min	MPa	75 Min	D 790
Flexural Modulus 2mm/min	MPa	2500 Min	D 790
<b>THERMAL</b>			
Heat Deflection Temperature			
@ 264 psi (1820 kPa)	°C	101 min	D 648
@ 66 psi (455 kPa)	°C	109 min	D 648
Vicat Softening- Method B	°C	104 Min	D 648
Flammability @ 3mm	-----	HB	UL94
<b>GENERAL PROCESSING FOR INJECTION MOLDING</b>			
Injection Pressure	MPa	70 - 101	
Melt Temperature	°C	206 - 236	
Mold Temperature	°C	65- 86	
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 technical data is purely indicative and is given without any guarantee			
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