

# GLS POLYMERS PVT.LTD

(Manufacturer of Blends, compounds & Reactive polymers )



## Product Data Sheet

Product :- ABS FR V0

Grade :- SN06

	UNIT	VALUE	ASTM
Specific Gravity	-----	1.17 - 1.174	D 792
Melt Flow Rate @ 220 °C / 10 kg	g/10 min	20 min	D 1238
Molding Shrinkage 3.2 mmsection	%	0.40 - 0.60	D 955
<b>MECHANICAL</b>			
Impact Strength, Izod			
notched 1/8 in (3.2 mm) section	J/m	80 min	D 256
Tensile Strength @ 50mm/min	MPa	44 min	D 638
Tensile Elongation@ yield 50mm/min	%	> 8.0	D 638
Flexural Strength 2mm/min	MPa	50 min	D 790
Flexural Modulus 2mm/min	MPa	1800 min	D 790
<b>THERMAL</b>			
Heat Deflection Temperature			
@ 264 psi (1820 kPa)	°C	82 min	D 648
Vicat Softening- Method B	°C	96 Min	D 648
Flammability @ 3mm	-----	V0	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 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			