

# GLS POLYMERS PVT.LTD

(Manufacturer of Blends, compounds & Reactive polymers )



## Product Data Sheet

Product :- Nylon66 15 PTFE 30 GF Precolor

Grade : LKG36

	UNIT	VALUE	ASTM
Specific Gravity	-----	1.23 -1.24	D 792
Molding Shrinkage 3.2 mmsection	%	1.5 - 3.0	D 955
<b>MECHANICAL</b>			
Impact Strength, Izod			
notched 1/8 in (3.2 mm) section	J/m	48 Min	D 256
Tensile Strength @ yield 50mm/min	MPa	66 Min	D 638
Tensile Modulus	MPa	2800 Min	D 638
Flexural Strength	MPa	96 Mim	D 790
Flexural Modulus	MPa	2400 min	D 790
<b>THERMAL</b>			
Heat Deflection Temperature			
@ 264 psi (1820 kPa)	°C	76-80	D 648
Flammability @ 3 mm	-----	HB	UL94
<b>GENERAL PROCESSING FOR INJECTION MOLDING</b>			
Injection Pressure	MPa	68-128	
Melt Temperature	°C	275-298	
Mold Temperature	°C	67 - 106	
Drying	hr @ °C	4 @ 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			
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