

# GLS POLYMERS PVT.LTD

(Manufacturer of Blends, compounds & Reactive Polymers )



## Product Data Sheet

Product : PPCP FR V0

Grade : YN06 HF

**As per ROHS compliance**

	UNIT	VALUE	ASTM
Specific Gravity	-----	1.05 +- 0.2	D 792
Melt Flow Rate @ 230 °C/ 2.16 kg	g/10 min	> 8	D 1238
Molding Shrinkage at 3.2 mm	%	1.2 - 1.8	D955
<b>MECHANICAL</b>			
Impact Strength, Izod			
notched 1/8 in (3.2 mm) section	J/m	60 - 85	D 256
Tensile Strength	MPa	22 - 26	D 638
Tensile Elongation @ Yield	%	> 10	D 638
Flexural Strength	MPa	20 - 25	D 790
Flexural Modulus	MPa	1200 - 1500	D 790
<b>THERMAL</b>			
Heat Deflection Temperature			
@ 264 psi (1820 kPa)	°C	50 - 55	D 648
Flammability as per UL 94 3.0mm	---	V0	UL 94
<b>GENERAL PROCESSING FOR INJECTION MOLDING</b>			
Injection Pressure	MPa	65 -105	
Melt Temperature	°C	190 - 220	
Mold Temperature	°C	32-64	
Drying	hr @ °C	2 @ 78	
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 .Values as GLS Polymers tested.			
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