

GLS POLYMERS PVT.LTD

(Manufacturer of Blends, compounds & Reactive polymers)



Product Data Sheet

Product :- Nylon6 FR V0 Precolor

Grade :- PW16

	UNIT	VALUE	ASTM
Specific Gravity	-----	1.20-1.22	D 792
Molding Shrinkage 3.2 mm section	%	1.2 - 1.6	D 955
MECHANICAL			
Impact Strength, Izod			
Notched 1/8 in (3.2 mm) section	J/m	30 -40	D 256
Tensile Strength @ 50mm/min	MPa	64 - 67	D 638
Tensile Elongation@ yield 50mm/min	%	> 5.0	D 638
Flexural Strength 2mm/min	MPa	81 - 84	D 790
Flexural Modulus 2mm/min	MPa	5000 min	D 790
THERMAL			
Heat Deflection Temperature			
@ 264 psi (1820 kPa)	°C	70 min	D 648
Flammability @ 3mm	-----	V0	UL94
GENERAL PROCESSING FOR INJECTION MOLDING			
Injection Pressure	MPa	70 -105	
Melt Temperature	°C	240 - 280	
Mold Temperature	°C	55 - 95	
Drying	hr @ °C	3 @ 85	
<p>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</p>			
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