

GLS Nylon 6 PN09(E)

Polyamide 6
GLS Polymers Pvt. Ltd.

Message:
Nylon6 Precolor

General Information			
Appearance	Colors Available		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.12 to 1.14	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.20 mm)	1.3 to 1.8	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	> 60.0	MPa	ASTM D638
Tensile Elongation ² (Yield)	> 4.0	%	ASTM D638
Flexural Modulus ³	> 1500	MPa	ASTM D790
Flexural Strength ⁴	> 78.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.20 mm)	> 30	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	> 150	°C	
1.8 MPa, Unannealed	> 58.0	°C	
Vicat Softening Temperature	> 210	°C	ASTM D1525 ⁵
Flammability	Nominal Value		Test Method
Flame Rating (3.00 mm)	HB		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	85.0	°C	
Drying Time	3.0	hr	
Processing (Melt) Temp	240 to 280	°C	
Mold Temperature	55.0 to 95.0	°C	
Injection Pressure	70.0 to 105	MPa	
NOTE			
1.	50 mm/min		
2.	50 mm/min		
3.	2.0 mm/min		
4.	2.0 mm/min		
5.	Rate B (120°C/h)		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



WECHAT