

Celstran® PA6-GF40-03

Polyamide 6
Celanese Corporation

Message:
40% long fiber glass reinforced, heat and UV stabilized, Nylon 6

General Information			
Filler / Reinforcement	Long glass fiber, 40% filler by weight		
Additive	heat stabilizer		
	UV stabilizer		
Features	Thermal Stability		
RoHS Compliance	Contact manufacturer		
Physical	Nominal Value	Unit	Test Method
Density	1.45	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	12500	MPa	ISO 527-2/1A/1
Tensile Stress (Break)	205	MPa	ISO 527-2/1A/5
Tensile Strain (Break)	2.2	%	ISO 527-2/1A/5
Flexural Modulus (23°C)	12000	MPa	ISO 178
Flexural Stress (23°C)	325	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	26	kJ/m ²	ISO 179/1eA
Injection	Nominal Value	Unit	
Drying Temperature	70.0 - 80.0	°C	
Drying Time	2.0 - 4.0	hr	
Suggested Max Moisture	0.18	%	
Hopper Temperature	70.0 - 80.0	°C	
Rear Temperature	265 - 275	°C	
Middle Temperature	270 - 275	°C	
Front Temperature	275 - 280	°C	
Nozzle Temperature	275 - 280	°C	
Processing (Melt) Temp	270 - 280	°C	
Mold Temperature	80.0 - 100	°C	
Injection instructions			

Zone 4 Temperature: 275 to 280°CFeed Temperature: 20 to 50°C

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

