

Niuk 50GP30

Polyamide 66

Shanghai Niuk New Plastic Technology Co., Ltd.

Message:

Niuk 50GP30 is a Polyamide 66 (Nylon 66) material filled with 30% glass fiber. It is available in Asia Pacific.

Important attributes of Niuk 50GP30 are:

Flame Rated

Corrosion Resistant

Creep Resistant

Good Toughness

Heat Resistant

Typical applications include:

Engineering/Industrial Parts

Electrical/Electronic Applications

Automotive

Housings

General Information	
Filler / Reinforcement	Glass Fiber,30% Filler by Weight
Features	Good Corrosion Resistance
	Good Creep Resistance
	Good Wear Resistance
	High Heat Resistance
	High Rigidity
	Ultra High Toughness
Uses	Automotive Applications
	Bearings
	Connectors
	Electrical/Electronic Applications
	Gears
	Housings
	Pulleys

Physical	Nominal Value	Unit	Test Method
Density	1.36	g/cm ³	ISO 1183
Molding Shrinkage ¹			ISO 2577
Across Flow : 3.20 mm	0.30 to 0.40	%	
Flow : 3.20 mm	0.60 to 0.70	%	
Ash Content	30	%	ISO 3451
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	190	MPa	ISO 527-2/50
Tensile Strain (Break)	3.0	%	ISO 527-2/50
Flexural Modulus ²	8000	MPa	ISO 178

Flexural Stress ³	250	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	12	kJ/m ²	ISO 179
Charpy Unnotched Impact Strength (23°C)	70	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	250	°C	ISO 75-2/B
1.8 MPa, Unannealed	140	°C	ISO 75-2/A
Vicat Softening Temperature	250	°C	ISO 306/B120
Flammability	Nominal Value		Test Method
Flame Rating (1.60 mm)	HB		UL 94
NOTE			
1.	150x100x3.2 mm		
2.	2.0 mm/min		
3.	2.0 mm/min		

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.

Recommended distributors for this material

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