

Niuk 20GP17

Acrylonitrile Butadiene Styrene

Shanghai Niuk New Plastic Technology Co., Ltd.

Message:

Niuk 20GP17 is an Acrylonitrile Butadiene Styrene (ABS) material filled with 17% glass fiber. It is available in Asia Pacific.

Important attributes of Niuk 20GP17 are:

Flame Rated

Good Processability

Heat Resistant

High Strength

General Information			
Filler / Reinforcement	Glass Fiber,17% Filler by Weight		
Features	Good Processability		
	High Heat Resistance		
	High Strength		
Physical	Nominal Value	Unit	Test Method
Density	1.15	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR)	25	g/10 min	ISO 1133
Molding Shrinkage ¹			ISO 2577
Across Flow : 3.20 mm	0.20 to 0.30	%	
Flow : 3.20 mm	0.20 to 0.30	%	
Ash Content	17	%	ISO 3451
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	60.0	MPa	ISO 527-2/50
Tensile Strain (Break)	2.0	%	ISO 527-2/50
Flexural Modulus ²	5000	MPa	ISO 178
Flexural Stress ³	100	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	6.0	kJ/m ²	ISO 179
Charpy Unnotched Impact Strength (23°C)	20	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	90.0	°C	ISO 75-2/A
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

