

Niuk 10TH30

Polypropylene

Shanghai Niuk New Plastic Technology Co., Ltd.

Message:

Niuk 10TH30 is a Polypropylene material filled with 30% talc. It is available in Asia Pacific.

Important attributes of Niuk 10TH30 are:

Flame Rated

Heat Resistant

High Gloss

Typical applications include:

Appliances

Automotive

Housings

General Information			
Filler / Reinforcement	Talc,30% Filler by Weight		
Features	High Gloss		
	High Heat Resistance		
Uses	Appliances		
	Automotive Applications		
	Housings		

Physical	Nominal Value	Unit	Test Method
Density	1.12	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR)	10	g/10 min	ISO 1133
Molding Shrinkage ¹			ISO 2577
Across Flow : 3.20 mm	0.80 to 1.2	%	
Flow : 3.20 mm	1.0 to 1.4	%	
Ash Content	30	%	ISO 3451

Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	25.0	MPa	ISO 527-2/50
Tensile Strain (Break)	30	%	ISO 527-2/50
Flexural Modulus ²	1800	MPa	ISO 178
Flexural Stress ³	35.0	MPa	ISO 178

Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	5.0	kJ/m ²	ISO 179
Charpy Unnotched Impact Strength (23°C)	30	kJ/m ²	ISO 179

Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	125	°C	ISO 75-2/B

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