

Niuk 23NT60

Polycarbonate + ABS

Shanghai Niuk New Plastic Technology Co., Ltd.

Message:

Niuk 23NT60 is a Polycarbonate + ABS (PC+ABS) material. It is available in Asia Pacific.

Important attributes of Niuk 23NT60 are:

Flame Rated

Heat Resistant

High Stiffness

Impact Resistant

Typical applications include:

Appliances

Automotive

Business/Office Goods

Electrical/Electronic Applications

Housings

General Information	
Features	High Heat Resistance
	High Impact Resistance
	High Stiffness

Uses	Appliances
	Automotive Applications
	Business Equipment
	Cell Phones
	Housings

Physical	Nominal Value	Unit	Test Method
Density	1.13	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR)	23	g/10 min	ISO 1133
Molding Shrinkage ¹			ISO 2577
Across Flow : 3.20 mm	0.50 to 0.70	%	
Flow : 3.20 mm	0.50 to 0.70	%	

Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	53.0	MPa	ISO 527-2/50
Tensile Strain (Break)	60	%	ISO 527-2/50
Flexural Modulus ²	2330	MPa	ISO 178
Flexural Stress ³	86.0	MPa	ISO 178

Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	55	kJ/m ²	ISO 179
Charpy Unnotched Impact Strength (23°C)	No Break		ISO 179

Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			

0.45 MPa, Unannealed	124	°C	ISO 75-2/B
1.8 MPa, Unannealed	102	°C	ISO 75-2/A
Vicat Softening Temperature	122	°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		

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