

Niuk 23RN60

Polycarbonate + ABS

Shanghai Niuk New Plastic Technology Co., Ltd.

Message:

Niuk 23RN60 is a Polycarbonate + ABS (PC+ABS) material. It is available in Asia Pacific.

Important attributes of Niuk 23RN60 are:

Flame Rated

Flame Retardant

Good Dimensional Stability

Heat Resistant

High Stiffness

Typical applications include:

Electrical/Electronic Applications

Housings

General Information			
Additive	Flame Retardant		
Features	Flame Retardant		
	Good Dimensional Stability		
	High Heat Resistance		
	High Stiffness		
Uses	Electrical Housing		
	Electrical/Electronic Applications		
Physical	Nominal Value	Unit	Test Method
Density	1.18	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR)	35	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	60.0	MPa	ISO 527-2/50
Tensile Strain (Break)	60	%	ISO 527-2/50
Flexural Modulus ²	2500	MPa	ISO 178
Flexural Stress ³	80.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	50	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	110	°C	ISO 75-2/B
1.8 MPa, Unannealed	92.0	°C	ISO 75-2/A


Vicat Softening Temperature	108	°C	ISO 306/B120
Flammability	Nominal Value		Test Method
Flame Rating (1.60 mm)	V-0		UL 94
NOTE			
1.	150x100x3.2 mm		
2.	2.0 mm/min		
3.	2.0 mm/min		

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