

Niuk 20RN00

Acrylonitrile Butadiene Styrene
Shanghai Niuk New Plastic Technology Co., Ltd.

Message:

Niuk 20RN00 is an Acrylonitrile Butadiene Styrene (ABS) material. It is available in Asia Pacific.
Important attributes of Niuk 20RN00 are:
Flame Rated
Flame Retardant
Good Processability
High Gloss
Typical application of Niuk 20RN00: Housings

General Information			
Additive	Flame Retardant		
Features	Flame Retardant		
	Good Processability		
	High Gloss		
Uses	Electrical Housing		
Physical	Nominal Value	Unit	Test Method
Density	1.18	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR)	40	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	35.0	MPa	ISO 527-2/50
Tensile Strain (Break)	30	%	ISO 527-2/50
Flexural Modulus ²	2200	MPa	ISO 178
Flexural Stress ³	58.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	18	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 (1.8 MPa, Unannealed)	70.0	°C	ISO 75-2/A
Vicat Softening Temperature	90.0	°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		

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Recommended distributors for this material

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