

Niuk 10NE00

Polypropylene

Shanghai Niuk New Plastic Technology Co., Ltd.

Message:

Niuk 10NE00 is a Polypropylene material. It is available in Asia Pacific.

Important attributes of Niuk 10NE00 are:

Flame Rated

Good UV Resistance

Impact Resistant

Typical application of Niuk 10NE00: Automotive

General Information			
Features	Good UV Resistance		
	Ultra High Impact Resistance		
Uses	Automotive Applications		
	Automotive Bumper		
Physical	Nominal Value	Unit	Test Method
Density	0.910	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR)	8.0	g/10 min	ISO 1133
Molding Shrinkage ¹			ISO 2577
Across Flow : 3.20 mm	1.2 to 1.4	%	
Flow : 3.20 mm	1.3 to 1.5	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	18.0	MPa	ISO 527-2/50
Tensile Strain (Break)	400	%	ISO 527-2/50
Flexural Modulus ²	800	MPa	ISO 178
Flexural Stress ³	20.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	9.0	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)	70.0	°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		

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