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/cm³	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/m²	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		

Recommended distributors for this material

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