

PADNOS RNY370RE

Polyamide 66

Padnos, Inc.

Message:

PADNOS RNY370RE is a Polyamide 66 (Nylon 66) product filled with 36% glass\mineral. It can be processed by injection molding and is available in North America.

General Information			
Filler / Reinforcement	Glass\Mineral,36% Filler by Weight		
Forms	Regrind		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.44	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (235°C/2.16 kg)	3.1	g/10 min	ASTM D1238
Molding Shrinkage			ASTM D955
Flow	0.65	%	
Across Flow	1.5	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	129	MPa	ASTM D638, ISO 527-2
Tensile Strain (Yield)	2.7	%	ISO 527-2
Flexural Modulus	6190	MPa	ISO 178
Flexural Strength (Break)	172	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact Strength	5.7	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Melting Temperature (DSC)	260	°C	ISO 3146

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Recommended distributors for this material

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