

UBE Nylon NAP1400F

Polyamide 6 + PP

UBE Industries, Ltd.

Message:

Modified by PP, low moisture absorption, UV stabilized

General Information			
Additive	UV Stabilizer		
Features	Good UV Resistance		
	Low Moisture Absorption		
Forms	Pellets		
Part Marking Code	>PA6+PP<		
Physical	Nominal Value	Unit	Test Method
Density	1.02	g/cm ³	ISO 1183
Molding Shrinkage			Internal Method
Across Flow	1.8	%	
Flow	1.6	%	
Water Absorption (Equilibrium, 23°C, 50% RH)	1.5	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2400	MPa	ISO 527-2
Tensile Stress (Yield)	52.0	MPa	ISO 527-2
Tensile Strain (Break)	> 20	%	ISO 527-2
Flexural Modulus	2200	MPa	ISO 178
Flexural Stress	71.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength	9.0	kJ/m ²	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	55.0	°C	ISO 75-2/A

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