

# UBE Nylon NAE2100U

Polyamide 66 + Polyethylene



## General

Generic identification and marking	PA66+PE
Market example	General
Application example	General
Processing example	Injection molding
Elemental Technology	Low wear, High Limiting PV value
Production area	
Development product	Applicable

## Mechanical property

	Unit	Test standard	Typical value
Tensile strength	MPa	ISO527-1,2	75
Tensile strain at break	%	ISO527-1,2	18
Flexural strength	MPa	ISO178	100
Flexural modulus	MPa	ISO178	2600
Charpy notched impact strength	kJ/m <sup>2</sup>	ISO179-1/1eA	9

## Thermal property

	Unit	Test standard	Typical value
Temperature of deflection under load at 0.45MPa	°C	ISO75-1,2	205

## Electrical property

## Molding property

## Other property

	Unit	Test standard	Typical value
Limiting PV value	MPa · cm/sec	JIS K7218	1230

## Remarks

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\* The data described herein are averaged values obtained by specified measurement: they are not guaranteed figures.

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\* UBE highly recommends to read the Safety Data Sheet “SDS” before using UBE products to ensure your safety.

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