

UBE Nylon 5033B

Polyamide 6/66



General

Generic identification and marking	PA6/66
Market example	General
Application example	General
Processing example	Injection molding
Elemental Technology	Neat resin
Production area	Spain
Development product	Not applicable

Mechanical property

	Unit	Test standard	Typical value
Tensile strength	MPa	ISO527-1,2	75
Tensile strain at break	%	ISO527-1,2	>50
Tensile modulus	MPa	ISO527-1,2	2400
Flexural strength	MPa	ISO178	95
Flexural modulus	MPa	ISO178	2200
Charpy notched impact strength	kJ/m ²	ISO179-1/1eA	8
Rockwell hardness (R scale)	-	ISO2039	120
Rockwell hardness (M scale)	-	ISO2039	70

Thermal property

	Unit	Test standard	Typical value
Temperature of deflection under load at 0.45MPa	°C	ISO75-1,2	90
Temperature of deflection under load at 1.8MPa	°C	ISO75-1,2	50

Electrical property

Molding property

Other property

Remarks

* The contents of here written materials were prepared based on materials, information and data available at the present moment. They may be revised because of new knowledge, information and data without notification.

* 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.

* Do not use UBE products in medical application for the parts involving implanting in human body. Please consult in advance for a medical application or parts in contact with food stuff.

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