

UBE Nylon UCNX005

Polyamide 56



General

Generic identification and marking

Market example Automotive, General

Application example Cooling Systems, Thermal Powertrain, Electric Powertrain, General

Processing example Injection molding

Elemental Technology Bio-based composite material, Glass fiber reinforced, Heat resistant

Production area

Development product Applicable

Mechanical property	Unit	Test standard	Typical value
Tensile strength	MPa	ISO527-1,2	190
Tensile strain at break	%	ISO527-1,2	3
Tensile modulus	MPa	ISO527-1,2	10000
Flexural strength	MPa	ISO178	290
Flexural modulus	MPa	ISO178	9600
Charpy notched impact strength	kJ/m2	ISO179-1/1eA	12

Thermal property	Unit	Test standard	Typical value
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Electrical property	Unit	Test standard	Typical value
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Molding property	Unit	Test standard	Typical value
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Other property	Unit	Test standard	Typical value
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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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* Do not use UBE products in medical application for the parts involving implanting in human body. Please consult

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in advance for a medical application or parts in contact with food stuff.

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