

# UBE Nylon UCNX014

Polyamide 56



## General

Generic identification and marking

Market example Automotive

Application example Thermal Powertrain, Electric Powertrain

Processing example Injection molding

Elemental Technology Bio-based composite material, Glass fiber reinforced, Heat resistant, Low friction, Low wear, High Limiting PV value

Production area

Development product Applicable

Mechanical property	Unit	Test standard	Typical value
Tensile strength	MPa	ISO527-1,2	185
Tensile strain at break	%	ISO527-1,2	5
Tensile modulus	MPa	ISO527-1,2	9000
Flexural strength	MPa	ISO178	290
Flexural modulus	MPa	ISO178	8200
Charpy notched impact strength	kJ/m <sup>2</sup>	ISO179-1/1eA	11

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

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

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