

UBE Nylon UCNX015

Polyamide 510



General

Generic identification and marking

Market example Automotive, General

Application example Cooling Systems, Electric Powertrain, General

Processing example Injection molding

Elemental Technology Bio-based composite material, Low water absorption

Production area

Development product Applicable

Mechanical property	Unit	Test standard	Typical value
Tensile strength	MPa	ISO527-1,2	65
Tensile strain at break	%	ISO527-1,2	> 50
Tensile modulus	MPa	ISO527-1,2	2100
Flexural strength	MPa	ISO178	85
Flexural modulus	MPa	ISO178	2100
Charpy notched impact strength	kJ/m ²	ISO179-1/1eA	6

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

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

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