

# UBE Nylon 3030GU601

Polyamide 12



## General

Generic identification and marking	PA12-GF30
Market example	General
Application example	General
Processing example	Injection molding
Elemental Technology	Glass fiber reinforced, Low friction, Low wear
Production area	Japan
Development product	Not applicable

## Mechanical property

	Unit	Test standard	Typical value
Tensile strength	MPa	ISO527-1,2	125
Tensile strain at break	%	ISO527-1,2	8
Tensile modulus	MPa	ISO527-1,2	7000
Flexural strength	MPa	ISO178	180
Flexural modulus	MPa	ISO178	6000
Charpy notched impact strength	kJ/m <sup>2</sup>	ISO179-1/1eA	30
Rockwell hardness (R scale)	-	ISO2039	110
Rockwell hardness (M scale)	-	ISO2039	72

## Thermal property

	Unit	Test standard	Typical value
Melting temperature	°C	ISO11357	175-181

## 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
Density	g/cm <sup>3</sup>	ISO1183	1.24

## Remarks

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