

UBE Nylon 2026GU501

Polyamide 66



General

Generic identification and marking	PA66-GF25
Market example	Automotive
Application example	General
Processing example	Injection molding
Elemental Technology	Glass fiber reinforced, Heat resistant, High Limiting PV value
Production area	Japan
Development product	Not applicable

Mechanical property

	Unit	Test standard	Typical value
Tensile strength	MPa	ISO527-1,2	195
Tensile strain at break	%	ISO527-1,2	4
Tensile modulus	MPa	ISO527-1,2	8000
Flexural strength	MPa	ISO178	290
Flexural modulus	MPa	ISO178	8000
Charpy notched impact strength	kJ/m ²	ISO179-1/1eA	12
Rockwell hardness (R scale)	-	ISO2039	120
Rockwell hardness (M scale)	-	ISO2039	100

Thermal property

	Unit	Test standard	Typical value
Melting temperature	°C	ISO11357	255-265
Temperature of deflection under load at 1.8MPa	°C	ISO75-1,2	250

Electrical property

Molding property

Other property

	Unit	Test standard	Typical value
Density	g/cm ³	ISO1183	1.32

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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