

# UBE Nylon 2020GU753

Polyamide 66



## General

Generic identification and marking	PA66-GF35
Market example	General
Application example	General
Processing example	Injection molding
Elemental Technology	Glass fiber reinforced, Heat resistant, Low water absorption, Calcium chloride resistant
Production area	Japan
Development product	Not applicable

## Mechanical property

	Unit	Test standard	Typical value
Tensile strength	MPa	ISO527-1,2	215
Tensile strain at break	%	ISO527-1,2	3
Tensile modulus	MPa	ISO527-1,2	11500
Charpy notched impact strength	kJ/m <sup>2</sup>	ISO179-1/1eA	12

## 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	240
Coefficient of linear thermal expansion	x10 <sup>-5</sup> /K	ISO11359-2	2.4

## Electrical property

## Molding property

## Other property

	Unit	Test standard	Typical value
Density	g/cm <sup>3</sup>	ISO1183	1.39
Water absorption at equilibrium	%	UBE Method	0.9

## Remarks

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finished products. So it should be fully researched and studied by yourself.

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