

Technical information of UBE NYLON UT100S

Nylon Technical (Injection)
UBE Technical Center (Asia) Limited
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Items	Methods	Units	UBE NYLON UT100S*
Feature	-	-	PA6, Non-reinforced, Flame retardant
Color	-	-	Natural
Density	ISO 1183-3	g/cm ³	1.14
Tensile Strength	ISO 527-1,2	MPa	86
Tensile Strain at Break	ISO 527-1,2	%	34
Flexural Strength	ISO 178	MPa	119
Flexural modulus	ISO 178	GPa	2.78
Charpy impact strength (notched) at 23°C	ISO 179-1/1eA	kJ/m ²	5.7
Flammability	UBE method (similar UL94)	-	V-2 (at thickness 0.75 mm)
Melt flow rate (230 °C, 2.16 kg)	ISO 1133	g/10 min	9.1

*UBE Nylon UT100S is under development

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

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