

NHU – GT series

The GT series is an amorphous nylon (polyamide) that has a very good transparency, good barrier properties against gases, water, solvents and essential oils. The high light transmission, ultra-high stiffness, easy dyeability are as much part of the special properties as the excellent shape processability and dimensional stability.

Application	Test Method	GT	
Grade		26	35
Charpy Notched Impact Strength (KJ/m ²)	ISO179	10	10
Charpy Unnotched Impact Strength (KJ/m ²)	ISO179	72	70
Tensile Strength (Mpa)	ISO527	85	85
Flexural strength (Mpa)	ISO178	122	115
Flexurals moduls (Mpa)	ISO178	2700	2750
Density (g/cm ²)	ISO1183	1.18	1.18
Heat distortion temperature (0.45 Mpa) (°C)	ISO175	120	120
Heat distortion temperature (1.8 Mpa) (°C)	ISO175	111	110
Shore D hardness	ISO868	85	85

Final products will be affected by a wide variety of factors. The physical properties shown in the above table cannot fully guarantee to meet the conditions for customers during application, in which case this can be only used for reference.

Please refer to the relevant MSDS before using our products.

These property values recorded are the test results under lab conditions.