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**TECHNICAL DATA SHEET**

Nylon 6 Standard Viscosity  
Fast Cycle Natural Color  
**UBE NYLON 1013NW8**

**UBE Chemicals (Asia) Public Company Limited**

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## Technical data sheet of UBE NYLON 1013NW8

Property		Test method	Unit	UBE NYLON 1013NW8
Polymer		-	-	PA6
Color		-	-	Natural
<b>Mechanical Properties</b>				
Tensile stress at yield		ISO 527-1,2	MPa	85
Tensile strain at break			%	20
Tensile modulus			GPa	3.2
Flexural strength		ISO 178	MPa	110
Flexural modulus			GPa	2.7
Charpy notched impact strength		ISO 179-1 / 1eA	kJ/m <sup>2</sup>	5
<b>Thermal Properties</b>				
Melting temperature		ISO 11357	°C	215-225
Temperature of deflection under load	0.45 MPa	ISO 75-1,2	°C	175
	1.8 MPa			65
<b>Other Properties</b>				
Density		ISO 1183	g/cm <sup>3</sup>	1.14
Mold shrinkage	MD	UBE Method (30 x 100 x 3t mm)	%	1.2
	TD			1.3

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