

UBE NYLON 1018SE

Engineering Plastics

Dry as molded

		Unit	Test method	Measured value
Density		g/cm ³	ISO 1183-3	1.14
Tensile stress at break		MPa	ISO 527-1,2	86
Tensile modulus		MPa	ISO 527-1,2	3,450
Tensile strain at break		%	ISO 527-1,2	14
Flexural strength		MPa	ISO 178	112
Flexural modulus		MPa	ISO 178	2,900
Impact strength (Charpy, Notched)		kJ/m ²	ISO 179/1eA	5
Temp. of deflection under load	0.45 MPa	MPa	ISO 75-2	182
	1.8 MPa	MPa	ISO 75-2	60
Melt flow rate(235 ° C/2,160 g)		g/10 min	ISO 1133	9
Oxgen index		%	ISO 4589	28

