



SUNYLON® NYLON 6 CHIP

Property	Unit	Test Method	Test Condition	Specification
				NP4000
Relative Viscosity	-	96% H ₂ SO ₄	25 °C	4
Extractable	%	-	-	<0.6
Moisture content	ppm	Karl Fischer	-	<1000
Melting point	°C	DSC	-	220
Tensile Strength	kg/cm ²	ASTM D-638	23 °C	700
Flexural Strength	kg/cm ²	ASTM D-790	23 °C	940
Flexural Modulus	kg/cm ²	ASTM D-790	23 °C	22000
Izod Impact Strength	kg-cm/cm	ASTM D-256	1/8"bar	5.0
Heat Deflection	°C	ASTM D-648	Unannealed 18.6 kg/cm ² 1/4"bar	58
Melt Flow Index	g/10 min	ASTM D-1238	235°Cx5kg	8
Specific Gravity	-	ASTM D-792	23°C/23°C	1.1~1.3
Molding shrinkage	%	ASTM D-955	23°C/23°C	1.1~1.8
Characteristics	Good Mechanical Properties, Chemical Resistance, Oil Resistance, Impact Resistance, Puncture Resistance, Small Friction Coefficient, Good Electrical Properties			

All tests were run under laboratory conditions, ASTM, ISO testing procedures. The data are intended as a general guide only.

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