



SUNYLON® NYLON 6 CHIP

Property	Unit	Test Method	Test Condition	Specification
				NP2400
Relative Viscosity	-	96% H ₂ SO ₄	25 °C	2.46
Extractable	%	-	-	<0.6
Moisture content	ppm	Karl Fischer	-	<1000
Melting point	°C	DSC	-	220
Tensile Strength	kg/cm ²	ASTM D-638	23 °C	730
Flexural Strength	kg/cm ²	ASTM D-790	23 °C	970
Flexural Modulus	kg/cm ²	ASTM D-790	23 °C	22000
Izod Impact Strength	kg-cm/cm	ASTM D-256	1/8"bar	4.0
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	105
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, Oil Resistance, Impact Resistance, 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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