



## Technical Data Sheet

<b>MATERIAL:</b>	Nylon 6/10
<b>CATALOG NUMBER:</b>	139
<b>CAS NUMBER:</b>	9011-52-3
<b>DESCRIPTION:</b>	Poly(hexamethylene sebacamide)
<b>FORMULA:</b>	$(C_{10}H_{16}O_2 \cdot C_6H_{14}N_2)_x$

**TYPICAL PROPERTIES:**

Appearance:	Pellets
Approx Mw:	15,000
Density:	1.08
Glass transition temp:	40°C
Melting point:	220°C
Refractive index:	$n_D^{20}$ 1.565
Solubility:	m-Cresol, HFIP, trichloroethanol

**GENERAL INFORMATION:**

Nylon 6/10 is a semicrystalline polyamide which exhibits low moisture absorption when compared to other nylons. It has good resistance to most solvents and to dilute mineral acids. Nylon 6/10 compounds are used in a wide range of applications including zip fasteners, electrical insulators, precision parts and filaments for brushes.

**STRUCTURE:**