



Technical Data Sheet

MATERIAL: Nylon 6/10
CATALOG NUMBER: 1032
CAS NUMBER: 9011-52-3
DESCRIPTION: Poly(hexamethylene sebacamide)

FORMULA: $(C_{10}H_{16}O_2 \cdot C_6H_{14}N_2)_x$

TYPICAL PROPERTIES:

Appearance:	Pellets
Approx Mw:	25,000
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:

