



## Technical Data Sheet

<b>MATERIAL:</b>	Nylon 6
<b>CATALOG NUMBER:</b>	034
<b>CAS NUMBER:</b>	25038-54-4
<b>DESCRIPTION:</b>	Poly(caprolactam)
<b>FORMULA:</b>	$(C_6H_{11}NO)_x$

**TYPICAL PROPERTIES:**

Appearance:	Pellets
Viscosity avg. Mw:	25,000
Density:	1.14 (23°C)
Melting point:	220°C
Flow temp:	210°C
Refractive index:	$n_D^{25}$ 1.5300
Glass transition temp:	62.5°C
Relative viscosity:	30
Solubility:	o-Chlorophenol, m-cresol

**GENERAL INFORMATION:** Finds applications in products requiring toughness, heat resistance, hardness, chemical resistance and abrasion properties normally associated with nylons.

**STRUCTURE:**