



## Technical Data Sheet

<b>MATERIAL:</b>	Nylon 11
<b>CATALOG NO.:</b>	006
<b>CAS NUMBER:</b>	25587-80-8
<b>DESCRIPTION:</b>	Poly(undecanoamide)
<b>FORMULA:</b>	$(C_{11}H_{23}NO_2)_x$

**TYPICAL PROPERTIES:**

Appearance:	Beads
Density:	1.04
Glass transition temp:	46°C
Melting point:	185°C
Inherent viscosity:	1.00
Solubility:	m-Cresol

**GENERAL INFORMATION:** Nylon 11 has a unique combination of properties, including outstanding resistance to a broad range of corrosive chemicals, high strength and toughness, low coefficient of friction, light weight, excellent electrical properties and flexibility. Application areas include mechanical parts, precision parts, electrical and electronic components.

**STRUCTURE:**