



## Technical Data Sheet

<b>MATERIAL:</b>	Nylon 12
<b>CATALOG NUMBER:</b>	044
<b>CAS NUMBER:</b>	25038-74-8
<b>DESCRIPTION:</b>	Poly(lauryllactam)
<b>FORMULA:</b>	$(C_{12}H_{23}NO)_x$

**TYPICAL PROPERTIES:**

Appearance:	Pellets
Density:	1.02
Glass transition temp:	37°C
Melting point:	178°C
Viscosity number:	140 ml/g
Solubility:	m-Cresol

**GENERAL INFORMATION:**

Typical applications include packaging films, metal coatings, electrical insulation and chemical tubing. Finished products feature low water absorption, high impact strength, good abrasion resistance and good chemical resistance.

**STRUCTURE:**