

6265 DEAN PARKWAY ONTARIO NY 14519 WWW.SCIPOLY.COM

Technical Data Sheet

MATERIAL: Nylon 12

CATALOG NUMBER: 044

CAS NUMBER: 25038-74-8

DESCRIPTION: Poly(lauryllactam)

FORMULA: $(C_{12}H_{23}NO)_x$

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:

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