



Technical Data Sheet

MATERIAL:	Nylon 6/9
CATALOG NUMBER:	156
CAS NUMBER:	27136-65-8
DESCRIPTION:	Poly(hexamethylene azelamide)
FORMULA:	$(C_9H_{14}O_2 \cdot C_6H_{14}N_2)_x$

TYPICAL PROPERTIES:

Appearance:	Pellets
Density:	1.08
Glass transition temp:	58°C
Melting point:	210°C
Solubility:	m-Cresol, mineral acids (sulfuric acid, nitric acid), phenols

GENERAL INFORMATION:

Prepared by the condensation of hexamethylene diamine and azelaic acid. Nylon 6/9 has a lower moisture absorption than Nylon 6/6 and consequently offer better dimensional stability. Applications have included wire jacketing and battery cases.

STRUCTURE: