



Technical Data Sheet

MATERIAL:	Nylon 6/9												
CATALOG NUMBER:	156												
CAS NUMBER:	27136-65-8												
DESCRIPTION:	Poly(hexamethylene azelamide)												
FORMULA:	$(C_9H_{16}O_4 \cdot C_6H_{16}N_2)_x$												
TYPICAL PROPERTIES:	<table><tr><td>Appearance:</td><td>Pellets</td></tr><tr><td>Density:</td><td>1.08</td></tr><tr><td>Glass transition temp:</td><td>58°C</td></tr><tr><td>Melting point:</td><td>210°C</td></tr><tr><td>Flash point:</td><td>>700°F</td></tr><tr><td>Solubility:</td><td>m-Cresol, mineral acids (sulfuric acid, nitric acid), phenols</td></tr></table>	Appearance:	Pellets	Density:	1.08	Glass transition temp:	58°C	Melting point:	210°C	Flash point:	>700°F	Solubility:	m-Cresol, mineral acids (sulfuric acid, nitric acid), phenols
Appearance:	Pellets												
Density:	1.08												
Glass transition temp:	58°C												
Melting point:	210°C												
Flash point:	>700°F												
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:													