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## **Technical Data Sheet**

MATERIAL: Nylon 6/10

CATALOG NUMBER: 139

**CAS NUMBER:** 9011-52-3

**DESCRIPTION:** Poly(hexamethylene sebacamide)

**FORMULA:**  $(C_{10}H_{16}O_2 \cdot C_6H_{14}N_2)_x$ 

**TYPICAL PROPERTIES:** 

Appearance: Pellets
Approx Mw: 15,000
Density: 1.08
Glass transition temp: 40°C
Melting point: 220°C
Refractive index: np<sup>20</sup> 1.565

Solubility: m-Cresol, HFIP, trichloroethanol

**GENERAL INFORMATION:** Nylon 6/10 is a semicrystalline polyamide which exhibits low moisture

absorption when compared to other nylons. It has good resistance to most solvents and to dilute mineral acids. Nylon 6/10 compounds are used in a wide range of applications including zip fasteners, electrical

insulators, precision parts and filaments for brushes.

**STRUCTURE:** 

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