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## **Technical Data Sheet**

**MATERIAL:** Poly(vinyl fluoride)

CATALOG NUMBER: 022

**CAS NUMBER:** 24981-14-4

**DESCRIPTION:** Homopolymer of vinyl fluoride

**FORMULA:**  $(C_2H_3F)_x$ 

**TYPICAL PROPERTIES:** 

Appearance:PowderFluorine content:41%Density:1.38Refractive index: $n_D^{20} 1.45$ Relative viscosity:2.0-2.1Glass transition temp: $41^{\circ}$ CMelting point: $185-190^{\circ}$ C

Solubility: Cyclohexanone, DMAC, DMF, DMSO -

all at elevated temperatures

**GENERAL INFORMATION:** Coatings based on poly(vinyl fluoride) exhibit excellent resistance to

weathering, chemicals and corrosion. Coatings and films have found use in outdoor applications such as siding, roofing, doors as well as chemical

resistant coatings for aerosol cans and drums.

**STRUCTURE:** 

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