



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:	Powder
Fluorine content:	41%
Density:	1.38
Refractive index:	n_D^{20} 1.45
Relative viscosity:	2.0-2.1
Glass transition temp:	41°C
Melting point:	185-190°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: