



Technical Data Sheet

MATERIAL: Poly(4-vinylpyridine), linear

CATALOG NUMBER: 840

CAS NUMBER: 25232-41-1

DESCRIPTION: Homopolymer of 4-Vinylpyridine

FORMULA: $(C_7H_7N)_x$

TYPICAL PROPERTIES:

Appearance:	Powder
Viscosity average Mw:	200,000
Glass transition temp:	142°C
Solubility:	(3% solution or greater) in acetic acid and lower alcohols; insoluble in aliphatic and aromatic hydrocarbons, esters, ketones, and water

GENERAL INFORMATION: Poly(4-vinylpyridine) undergoes reactions typical of alkyl pyridines, e.g. doping, quaternization, oxidation, etc.

STRUCTURE:

