



## Technical Data Sheet

**MATERIAL:** Poly(4-vinylpyridine), linear

**CATALOG NUMBER:** 700

**CAS NUMBER:** 25232-41-1

**DESCRIPTION:** Homopolymer of 4-Vinylpyridine

**FORMULA:**  $(C_7H_7N)_x$

**TYPICAL PROPERTIES:**

Appearance:	Powder
Viscosity average Mw:	60,000
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:**

