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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:

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