



Dongguan Baoxu Chemical Technology, Ltd.

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Polyvinylpyrrolidone

Introduction

Povidone is a hygroscopic polymer, supplied in a white to creamy white powder or flakes, ranging from low to high viscosity & low to high molecular weight, which is characterized by K Value. It's easily soluble in water and many other organic solvents, with excellent hygroscopicity, film-forming, adhesive, chemical stability, and toxicological safeness characteristics.

Properties & Specification:

Product Name: Polyvinylpyrrolidone

Chemical Description: Homopolymer of 1-Vinyl-2-Pyrrolidone, Polyvinylpyrrolidone,PVP

Pharmacopeia Name: Povidone(Povidonum)

CAS NO.:9003-39-8

Grade Pharma grade USP 26

TEST ITEMS		SPECIFICATION
		white or yellowish-white,
Appearance		hygroscopic powder or flakes
K 值/K value		88-98
残单/Vinylpyrrolidone	%	<0.1
水份/Moisture	%	<5.0
识灼残澄/Residue on ignition	%	<0.1
PH 值(5%水溶液)PH of 5% aqueous solution		3-9
氮/Nitrogen	%	11.5-12.8

The information and statement herein are believed to be reliable but are not to be construed as a warranty or representation for which we assume legal responsibility, Users should undertake sufficient verification and testing to determine the suitable for their own particular purpose of any information or products referred to herein. No warranty of fitness for a particular purpose is made.



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醛/Aldehyde	%	<0.05
重金属/Heavy metal	ppm	<10
肼/Hydrazine	ppm	<1.0
过氧化物/peroxide	ppm	<400

Application

Povidone is one of the most important excipients in worldwide for the pharmaceutical industry, whether for human health care products or animal health care products. Which is used as:

- 1) Binder for tablets, capsules,
- 2) Sugar coatings and films,
- 3) Thickening agent,
- 4) Solubility Improver for poorly soluble drugs,
- 5) Bioavailability Enhancer for drug's active ingredients,
- 6) Pore-forming for membrane products.

Packaging and Storage

Net 25kgs per drum.

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