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Technical Date Sheet

Basic information

Chemical name	Crospovidone/PVPP
Synonyms	Crosslinked povidone, E1202,KallidonCL,,Polyplasdone XL,pvpp,polyvinylpolypyrrolidone
CAS.No.	25249-54-1

Physical properties

Appearance	White or white-off powder
Density,20℃, g/cm3	1.22
Boiling point,℃	N/A
Melting point,℃	~165
Flash point,℃	N/A
Refractive index	N/A
Solubility	Almost insoluble in water and commonly used organic solvents

Specification

Items	**USP 36 Grade**
Appearance	White powder
Hyperoxide, ppm	≤ 400
Loss on Drying, %	≤ 5
Soluble components, %	≤ 1
Heavy metals, ppm	≤ 10
Sulphate Ash, %	≤ 0.1
Nitrogen, %	11.0-12.8

Application

1) PVPP can be used in beverage industry.

2) PVPP is a cost-effective and safe treatment in beer industry and Pharmaceutical Industry:

3) Furthermore, PVPP can also be used to improve solubility, and hence, enhance bioavailability in not only human but also veterinary applications

4) Drug Solublization. PVPP can be used as a solid dispersion carrier for drug solubilization, or incorporated into conventional formulations to facilitate the dissolution of poorly soluble active pharmaceutical ingredients due to porous surface morphology, large surface area and N-methyl vinylpyrrolidone-like unit molecular structure.

5) Tablet Disintegration. PVPP Combines rapid swelling, wicking (due to porosity and capillary action) and particle recovery on wetting, releasing energy that facilitates disintegration. High interfacial activity enhances dissolution.

Package

20kg/fiber drum or plastic drum, 7000kg/20"FCL

Safety on transportation

It belongs to common goods, always refer to MSDS.

Storage and handling

Keep tightly closed, store in a cool dry place.

Please refer to the Materials Safety Data Sheet (MSDS) for the handling methods.

The information above is believed to be accurate and represents the best information currently available to us.However, In no event shall we be liable for any claims, losses, or damages of any third party resulting from its use.

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