



Specialized in chemicals

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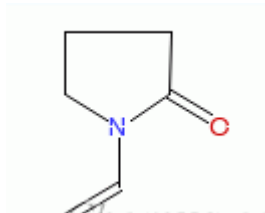
Technical Data Sheet

Crospovidone/PVPP

Product Information

Chemical Name	Polyvinylpyrrolidone cross-linked
CAS #	25249-54-1
Formula	(C ₆ H ₉ NO) _n
Synonym	K-30; PVPP; PVPD; PVPK-30; POLYVIDONE; POLYVIDONUM; POLYVINYL POLYPYRROLIDONE; POLYVINYL PYRROLIDONE CROSS LINKED

Chemical Structure



Description

Behaves as a white or creamy white powder with faint characteristic odor, which is easily hydrophilic and capable of complex with such substance as phenol, etc. It is completely insoluble with relatively high crosslink density and does not form gels that can impede disintegration, dissolution and drug release. It was accepted into Ph Eur 5.0 and USP/NF28th.

Physical Properties

Melting point	~165 °C (dec.)(lit.)
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Specification

Items	Pharmaceuticals/ Food Grade
Appearance	White powder
Hyperoxide,ppm	≤ 400
Residue on ignition,ppm	≤ 10
Loss on Drying,%	≤ 5

Soluble components,%	≤ 1
Heavy metals, ppm	≤ 10
Sulphate Ash,%	≤ 0.1
Nitrogen,%	11.0-12.8

Safety

Always refer to the Material Safety Data Sheet (MSDS) for detailed information on safety

Applications

PVP-P can be used in beverage industry:

PVP-P is a cost-effective and safe treatment in beer industry and Pharmaceutical Industry:

Furthermore, PVP-P can also be used to improve solubility, and hence, enhance bioavailability in not only human but also veterinary applications

Packaging

20kg fiber drum.

7mt per 20ft container

Storage & Handling

PVPP can be stored at room temperature (max.25°C) in the unopened original containers for at least 3 years. The storage temperature should be kept below 25°C

Always refer to the Material Safety Data Sheet (MSDS) for detailed information on handling and disposal.

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