



Specification

Product Code	F21S02	Ver.	05	Effective	2015-05-29
Doc. No.	Spec-F21S02-05	Sup.	Spec-F21S02-04	Review Date	2017-05-28
Product Name	Insoluble polyvinylpolypyrrolidone			Page No.	2/ 3

Description

CAS#: 9003-39-8

Synonyms: PVPP; Crospovidone; Cross-linked Povidone; Cross-linked PVP

Grade: FCC 8; E 1202; Q/BXZ001-2009

Specification

Item	Tolerance	Reference
Appearance	A white hygroscopic powder	TM-F21S02
Identification	No blue color appears	TM-F21S02
Odor	A faint non-objectionable odour, odorless	TM-F21S02
Taste	To match standard	TM-F21S02
Solubility	Insoluble in water, ethanol and ether	TM-F21S02
Particle Size	NLT 80% (50-250 μ m)	GM-028
pH (1.0g in 100.0ml)	5.0~8.0	GM-003
Assay (Nitrogen)	11.0%~12.8%	GM-053
Heavy Metals	NMT 10 ppm	GM-052
Lead	NMT 2 ppm	GM-046
Arsenic*	NMT 3 ppm	GM-046
Residue on Ignition	NMT 0.4%	GM-007
Water-Soluble Substances	NMT 0.5%	GM-011
Acid/Alcohol Soluble Substances	NMT 1.0%	GM-016
Peroxides (as H ₂ O ₂)	NMT 400 ppm	GM-009
Vinylpyrrolidone	NMT 10 ppm	GM-023
Water	NMT 5.0%	GM-001
Adsorption Capacity	NLT 55%	GM-039
Swell Volume	NMT 6.0 L/kg	GM-043
Divinylimidazolidinone **	NMT 2 ppm	On input

* This test is verified on random samples only.

** No divinylimidazolidinone is used within the whole manufacturing process.

Storage

Packaging: Double PE-lined paper drums, 10kgs/drum. (F21S02-01)
Double PE-lined cardboard drums, 20kgs/drum. (F21S02-03)
Plastic drums lined double bags, inner PE bag, outer PP bag (Number P807) ,
20kgs/drum. (F21S02-02)

Storage condition: Store in well-closed containers.

Retest Period: 24 months from the manufacturing date.

Sampling

Quantity: 300g (in which 200g for retention sample and 100g for analysis)

Trade Name

PolyFilter[®] PVPP VT