



Specification

Product Code	F21S01	Ver.	07	Effective
Doc. No.	Spec-F21S01-07	Sup.	Spec-F21S01-06	Review Date
Product Name	Crospovidone			Page No. 2/3

Description

CAS#: 9003-39-8

Synonyms: PVPP; Insoluble Polyvinylpyrrolidone; Cross-linked Povidone; Cross-linked PVP
Grade: FCC, E 1202

Specification

Item	Tolerance	Reference
Appearance	A white hygroscopic powder	TM-F21S01
Identification A	IR	TM-F21S01
Identification B	No blue color appears	TM-F21S01
Odour	A faint non-objectionable odour, odorless	TM-F21S01
Taste	To match standard	TM-F21S01
Solubility	Insoluble in water, ethanol and ether	TM-F21S01
<u>Particle Size</u>		
- (5-50 μ m)	NLT 80%	GM-028
-D50	25~35 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 2 ppm	GM-046
Cd	NMT 1 ppm	GM-046
Hg	NMT 1 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. (F21S01-01)
Double PE-lined cardboard drums, 20kgs/drum. (F21S01-03)
Plastic drums lined double bags, inner PE bag, outer PP bag (Number P807),
20kgs/drum. (F21S01-02)

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[®] PVPP10