



BOHEMI CHEMICALS

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PVPP SINGLE USE

Chemical Name: Polyvinylpolypyrrolidone **CTFA Name:** Crosslinked Polyvinylpyrrolidone

PRODUCT NAME : STARFILTER S

ITEMS	SPECIFICATIONS
Appearance	A white to yellowish white powder
Peroxides(as H ₂ O ₂)	400ppm max
Water-soluble substances	1.0% max
Impurity	10ppm max
Heavy metals	10ppm max
Loss on drying	5% max
Sulphated Ash	0.1% max
Nitrogen content	11.0% – 12.8%
Particle size	30 microns Circa
Shelf life	2 years from production date

PROPERTIES:

Polyvinylpolypyrrolidone is often called as crosslinked PVP, or insoluble PVP. It appears as white or light yellow, free flowing hygroscopic powder, odorless or with faint characteristic odor. It is insoluble in water, alkali, acid and common organic solvents. It has strong swellability and can complex with polyphenols, carboxylic acid and other compounds with low molecular weight

PACKAGING AND STORAGE

20KG/FIBER DRUM, keep the product in a fresh, dry, well ventilated area.

In Beverage Industry:

PVPP can be used as stabilizer and clarifier for beers, wines and fruit juices in beverage industry. Alcoholic drinks with low degree, which are brewed from floral material such as wheat, corn and hops, are abundant in proteins and polyphenols. Proteins can form complexes with polyphenols under certain condition. The complexes will participate to make beverage turbid and seriously effect color, flavor, foam and shelf-span of beverage. To improve the stability of beverage, the center of the method is to remove proteins and polyphenols off to prevent the complexes formation. There are PVPP absorption- filtration method, silica gel absorption- filtration method and protease decomposition method. Complexes formed from PVPP with polyphenols will be participated or absorbed and then be filtered out. The outstanding advantages of PVPP is shown as following: high selectivity of absorption to polyphenols, low dosage, short contact time with beer, no effect on foam and flavor, thorough removal from beer, can be used together with other materials, great improvement of beer stability.

Date : January 2012



Bohemi Chemicals is ISO 9001:2008 certified. for: The supply of chemicals and associated after-sales services for hot-end and cold-end glass treatment and glass

