

## BEER STABILIZER

### PolyFilter® 10

#### Description

**PolyFilter® 10** is a single-use PVPP (polyvinylpyrrolidone) stabilizing agent that is highly effective at the selective reduction of the polyphenols in beer. Haze in beer is mainly the result of polyphenol-protein complexes. Removal of the excess polyphenols that are responsible for haze improves colloidal stability and in some cases reduces astringency in the final product.

#### Properties

**PolyFilter® 10** is a white to off-white hygroscopic powder with a faint odor. It is insoluble in water and other common solvents and offers effective and highly selective removal of haze-producing polyphenols as well as protection against oxidation of flavanoids into more polymerized polyphenols.

- Catechin Adsorption of Mass: min. 55%
- Particle Size : ~35 micron
- Swell Volume: 6.0 L/kg
- Contact Time: 4–5 min

#### Use

**PolyFilter® 10** can be added at any stage of the brewing process. It can be added in the kettle to act as a wort clarifier, in the fermenting/ageing tanks to act as stabilizer and clarifier and it is most commonly added to the beer stream during the filtration/clarification process as a colloidal haze stabilizer.

Prepare in a 1:10 slurry of cellar temperature deaerated water or beer at least 1 hour prior to addition. Incorporate into the beer so to achieve a uniform mixture. A minimum contact time of 5 minutes is recommended for optimal effectiveness, after which the **PolyFilter® 10** can be allowed to settle for racking or removed by filtration. Bench trials are always recommended, to optimize the addition rate for product treated.

#### Typical Dosage Rates:

Beer Type	Greater than 65% Malt	Less than 65% Malt
PVPP Only	20-40 ppm (~5-10 lb/100 BBL)	10-30 ppm (~2.5-7.5 lb/100 BBL)
PVPP + Silica Gel	10-30 ppm (~2.5-7.5lb/100 BBL)	10-20 ppm (~2.5-5 lb/100 BBL)

#### Packaging

- 25 lb PE liner in fiberboard drum
- 20 kg (44 lb) PE liner in fiberboard drum
- 32 x 25 lb PE bag packed in stackable pallet box *Special order only*
- 40 x 10 kg (22 lb) PE bag packed in stackable pallet box *Special order only*

For professional use only  
 Non-GMO, Allergen-free  
 Please refer to the SDS for safe handling requirements.