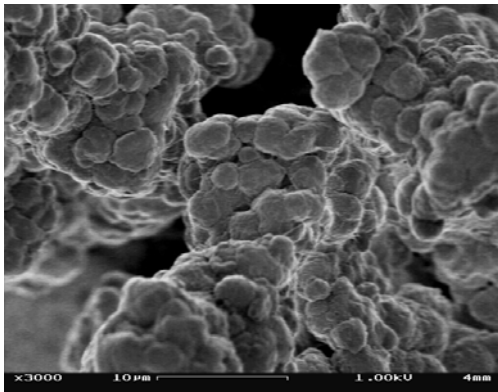




A NEW REGENERABLE POLYMERIC FILTER AIDS FOR BEER FILTRATION

Sopartec, the technology transfer company of the Université catholique de Louvain (UCL), presents a new product for beer filtration.



Technology Keywords

- New material for Beer Filtration
- Beer Stabilisation
- Regenerable Filter Aid
- UHMWPE (Ultra High Molecular Weight Polyethylene)

Technology Market : Beer filtration

Nowadays, apart from a few speciality beers, consumers will reject a beer that is hazy. Furthermore, brewers need to assure the stability of beers throughout the course of their shelf-life. Kieselguhr filtration coupled to an adapted stabilisation treatment has been from far the best way to achieve these requests. However, the use of Kieselguhr is subject to health, safety, and environmental constraints. Brewers are therefore looking for new substitute to Kieselguhr.

The UCL/Meurice Institute invention

Researchers from the *Unit of Brewing Sciences* (Meurice Institute) and the *Unit of High Polymers* (UCL) have developed a new regenerable filter aid which, coupled to Brewtan®, allows to **filter beer to a turbidity within industrial specifications** and on the other hand to **stabilize the beer** by removing specific proteins responsible for haze.

Furthermore, this new material is very resistant towards aggressive regeneration treatments and therefore **can be recycled for many filtration cycles** reducing the constraints encountered when using Kieselguhr.

Applications :

- Beer filtration using deep filtration technology (precoat of supporting media);
- Wine, cider and juice filtration using deep filtration technology.

Technology Status

This work is the subject of a patent application : PCT patent application filed on 06/08/2009 and published under No. WO 2009/095444. (internal file reference number : SOP-215)

Sopartec would like to talk to companies interested in developing and commercializing this opportunity.

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