

# INEOS Silicas

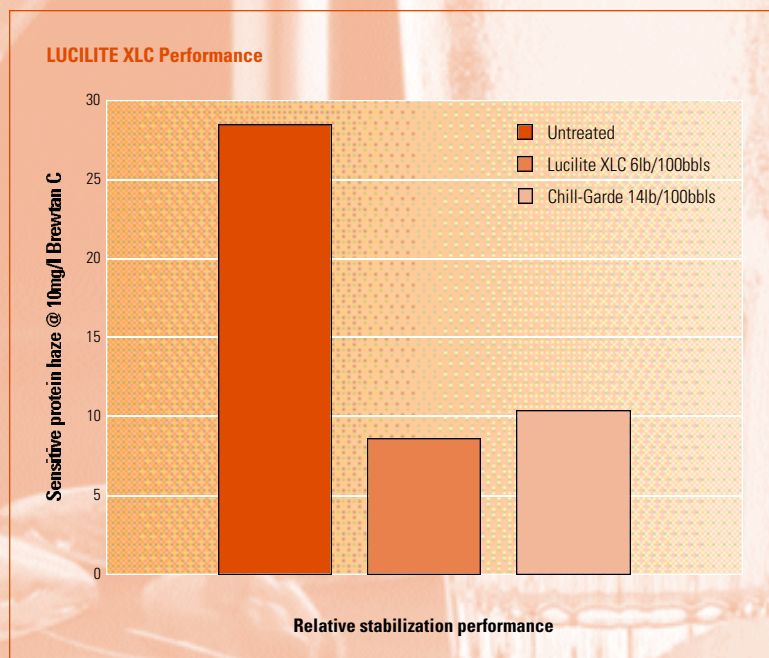
## LUCILITE SILICA XEROGELS

INEOS Silicas offers the LUCILITE XLC family of permeability controlled silica xerogels for application at filtration. These products can also be added during aging if appropriate. Silica xerogels are typically used to assure product quality for up to 12 months shelf life.

Product quality and consistency is achieved through fast and effective adsorption of haze forming protein. Rapid protein uptake ensures long shelf life is delivered with the minimum of effort in the shortest time.

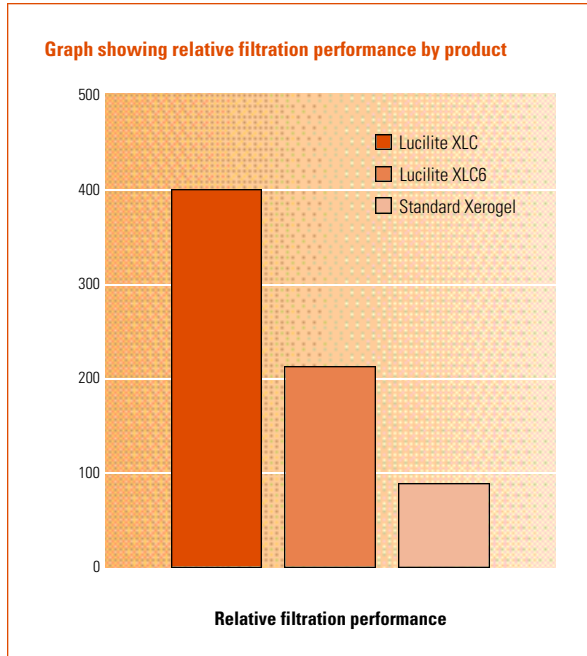
The table below illustrates typical values for the relative permeability of LUCILITE XLC6 and LUCILITE XLC grades.

Lucilite XLC6	Lucilite XLC
0.06 Darcies	0.10 (min) Darcies



The LUCILITE XLC performance graph illustrates the typical stabilization performance of LUCILITE XLC compared with beer treated with CHILL-GARDE silica hydrogel.

## LUCILITE XLC family - silica xerogel stabilization at filtration



LUCILITE XLC grades are guaranteed permeability controlled xerogels. They are designed essentially for use at filtration, but can be applied during aging to provide an easily filterable beer. Application of these grades at filtration provides an opportunity to partially replace diatomaceous earth body aid to maintain or partially extend filter run length.

The graph illustrates how permeability controlled LUCILITE XLC and XLC6 impacts on filter run length. Beer is filtered through a fixed filter bed, for a fixed amount of time, using the same amount of silica stabilizer on each filtration. A greater amount of beer is collected when filtered with the LUCILITE XLC grades than standard xerogel.

In terms of stabilization performance, LUCILITE XLC and LUCILITE XLC6 protein removal will be comparable.

For information on application of silica xerogels, handling, safety data, slurry make up and packaging, please refer to the General Stabilization brochure.

### Technical service

INEOS Silicas offers a high standard of technical and analytical service to ensure optimum performance of its products. For assistance, contact us via e-mail: [techsupport@ineossilicas.com](mailto:techsupport@ineossilicas.com)

For further information please contact:

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