

Crystar® Filtration Technology

Microfiltration membranes for wine clarification



Up to 30% higher productivity



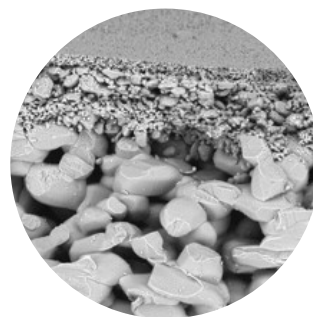
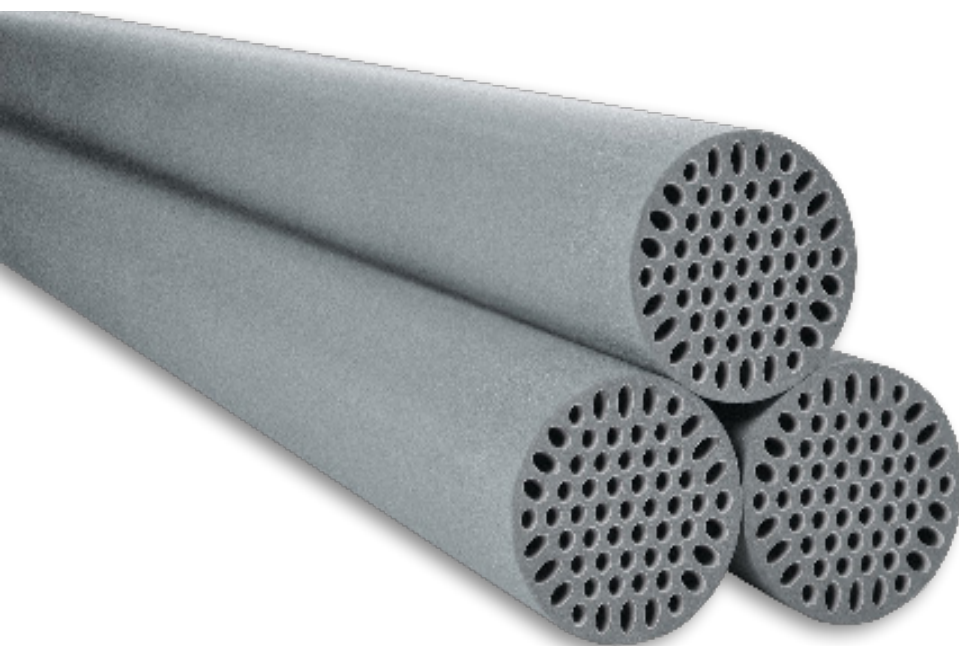
Wine sensory characteristics preserved



Brilliant wine and strong microbiology reduction



Operational robustness and low environmental footprint



Certified for food contact under the European Regulations No 1935/2004

Deemed acceptable for food processing by the US FDA

PERFORMANCE CERAMICS & REFRACTORIES


SAINT-GOBAIN

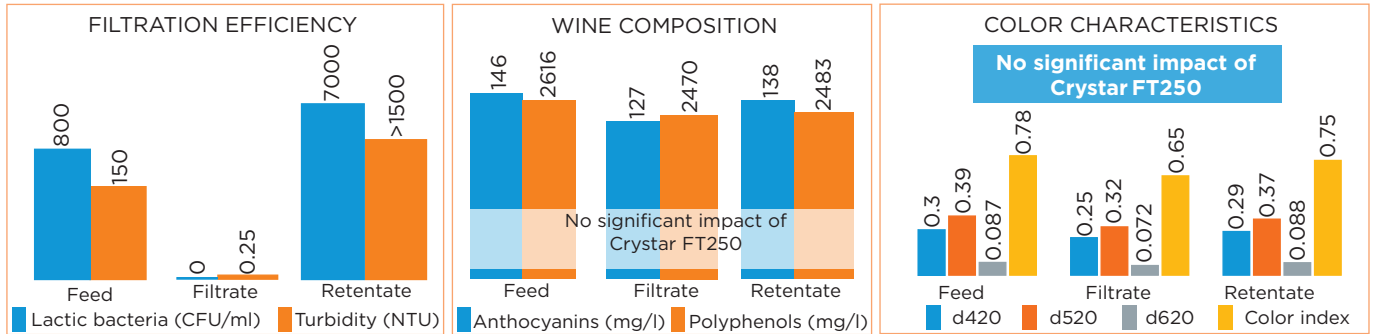
CRYSTAR® FT MEMBRANES FOR WINE CLARIFICATION

Crystar® Filtration Technology are advanced membranes made of high purity silicon carbide providing:

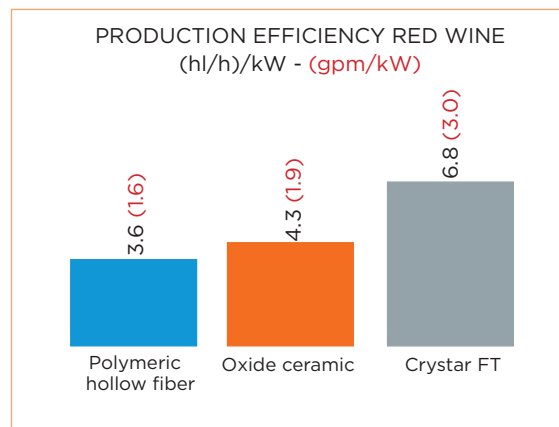
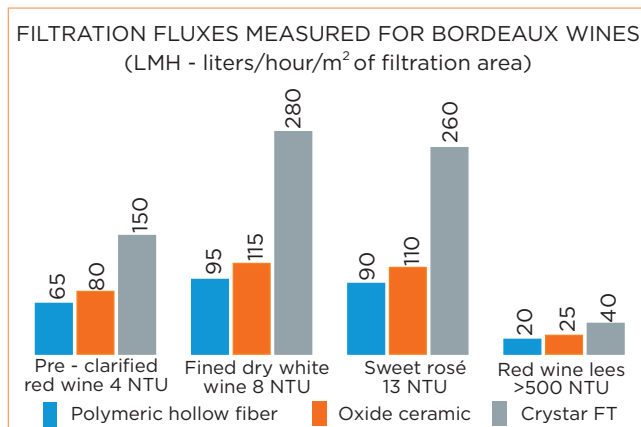
BENEFITS

Reliable and efficient separation process to remove turbidity and microorganisms while preserving wine body, flavor, texture and color.

Analysis of a Bordeaux red wine with initial turbidity = 150 NTU
Science Institute of Vine & Wine - University of Bordeaux



Unmatched wine filtration fluxes offer higher productivities and lower losses.



Excellent operational robustness:

- Superior thermal and chemical stabilities for efficient cleaning procedures
- High mechanical and thermal shock resistances to ensure membrane integrity

Lower environmental footprint:

60%

lower water usage

40%

lower energy consumption

40%

lower cleaning chemical consumption



For more information:

www.crystarfiltration.saint-gobain.com

www.linkedin.com/company/saint-gobain-performance-ceramics-refractories

twitter.com/SaintGobainPCR

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