Sartopore®

Unique Performance in Filtration of Ophthalmics

Sartopore® Platinum is characterized by a unique and patented surface modification of the 0.45|0.2 µm rated Polyethersulfone (PES) membranes. In contrast to other PES filters in the market it is the highly hydrophilic low adsorptive membrane of Sartopore® Platinum which leads to an outstanding combination of high filtration capacity, high flow rate and low binding. This leads to lowest filter consumption and lowest adsorption of e.g. Benzalconiumchloride (BAC) and other preservatives. Sartopore® Platinum is the top-performer in the market for any Ophthalmic solutions.

Customer Example

Application: Sterile filtration of a 0.5 % hypromellose solution used as an ophthalmic lubricant
Challenge: Early blocking of existing filters and long filtration time due to high viscosity
Customer’s requirements: Reliable filtration despite high viscosity of hypromellose
                      Reduction process times compared to current filter supplier
                      Optimization of production costs
Status with competition: 20” filter cartridge (PES, 0.45 | 0.2 µm) to filter 200 L in 2 hours
Our solution: 10” Sartopore® Platinum to filter 200 L in less than 1 hour
Customer benefits: >50 % reduction of process time
                    50 % reduction of filter consumption
                    Costs savings of 150 US$ per batch (75.000 US$ per year)