

Hyflux's InoCep® Proves Popular Amongst Various Research Communities

InoCep®'s durability to withstand extreme conditions has resulted in its growing demand by international universities and research institutions all over the world, including South Africa, Hungary and Canada, for further research studies in the field of ceramic membrane filtration. Its superior thermal, chemical and mechanical stability allows researchers to explore a wide range of possibilities in the field of filtration technologies.

With a key focus on areas such as research and development and technology commercialisation, Hyflux continues to forge strong ties with institutes locally and around the world, providing a platform that bridges innovation and marketable membrane products and services together. Able to cater to industries ranging from pharmaceuticals to food and beverage, the filtration quality of InoCep® is backed by academically proven research to illustrate its capability in handling extreme process conditions and feeds with high solids content.

For more information, please contact us at sales@hyfluxmembranes.com

Hyflux's InoCep® Taps into Southeast Asia Rubber Industry

The InoCep® ceramic membrane has found a strong foothold in replacing traditional methods for concentrating latex. From the tropical plantations of Southeast Asia, a multinational conglomerate with a division specifically devoted to this agribusiness has entrusted Hyflux's InoCep® with the duty of improving this process. InoCep® has successfully increased the production yield and produced a higher quality product, with lower cost and zero-pollutant discharge.

In 2009, Southeast Asia alone produced an estimated amount of 7.4 million tonnes of natural rubber and exported 6.17 million tonnes to the rest of the world. Traditionally, the skim rubber is treated with sulphuric acid to produce cheap rubber products of 5% skim rubber content. Not only does this method use large quantities of sulphuric acid which results in high production cost, it is more importantly an environmentally harmful pollutant. InoCep® however offers a safer, cheaper and greener alternative to produce skim rubber products of better quality.

For more information, please contact us at sales@hyfluxmembranes.com

Hyflux's Membranes Find Their Way to Haiti

Hyflux's membranes have found their way to Haiti through an European integration partner, providing safe drinking water to the countless victims of the recent earthquake. These membranes are installed in mobile water purification units that produce inexpensive, potable water by removing all forms of pathogens. Using only sunlight, they save on expensive disposable filters, UV lamps, electricity and chemicals.

Massive outpours of humanitarian aid and relief funds continue to make their way to the victims of Haiti. Safe drinking water is critical in preventing the spread of communicable disease where the makeshift living conditions are cramped and unsanitary. Developed specifically with the idea of helping those without access to safe drinking water, the water purifier units - alongside the membranes in them - need to be extremely robust and easy to operate and transport.

For more information, please contact us at sales@hyfluxmembranes.com

Hyflux Launches Research-scale Membranes

Ceramic or polymeric? Which pore size to use? Hyflux has come forth with an easy method for membrane users in universities, engineering firms and drug/chemical research institutes to select the right type of membranes for their application or process needs. Individually housed in glass tubes, Kristal® PES fibres and InoCep® ceramic fibres with different pore sizes are now available for testing and evaluation purposes under laboratory conditions. Research-scale membranes have an easy "plug and play" installation step and provide the ease with which users can assess the membranes using liquid/liquid and solid/liquid separation under different operating parameters.

With these membranes, key decisions such as membrane suitability for a particular application and approximate design parameters (e.g. flux) to be implemented for a production scale plant can be made without the hassle of setting up and running the plant itself. This significantly reduces the costs and lead time involved in the preliminary phase of any filtration project.

For more information, please contact us at sales@hyfluxmembranes.com