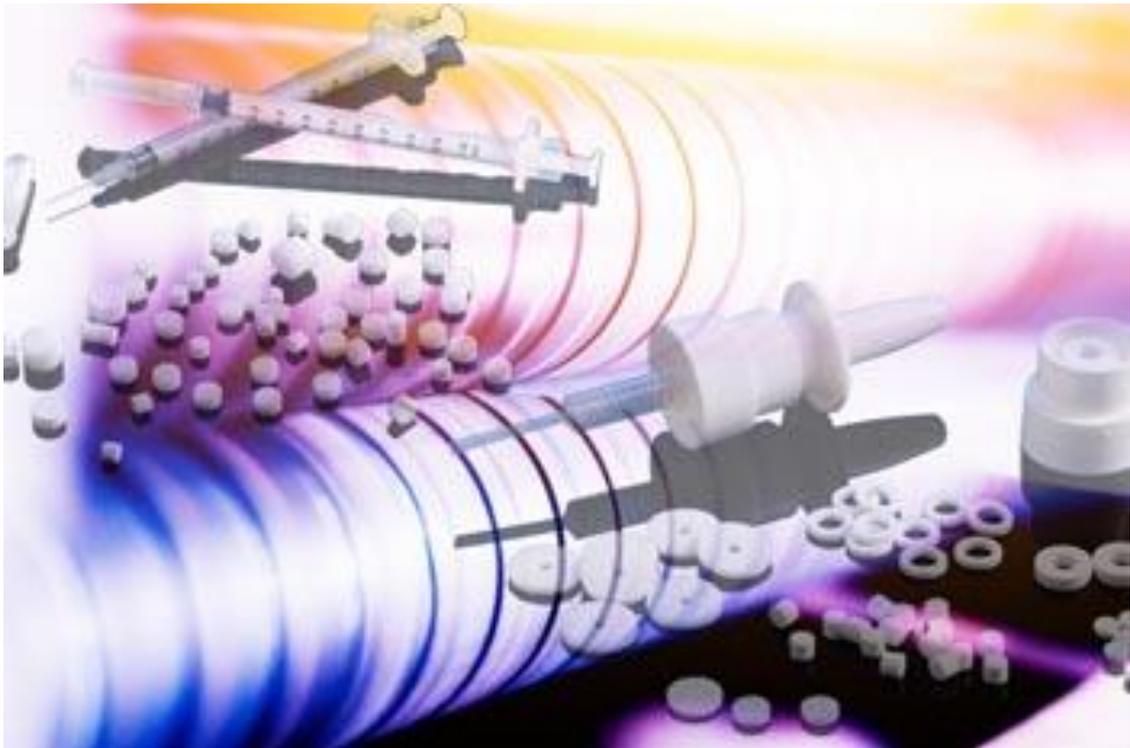


## *Porvair Launch Ultra-Pure Porous Plastics*

### **A new state-of-the-art automated manufacturing system**

is enabling Porvair Sciences to produce ultra-pure porous plastics that are fully compliant with FDA, USP Class VI and European Pharmacopoeia statutory regulations as well as being free from heavy metals.



### **Kevin Doolan, General Manager of Porvair Sciences said**

"Over the last 18 months we have invested significantly in specifying, testing and implementing our enhanced porous plastic manufacturing system. The result is an advanced production platform, with live online measurement capabilities, that can rapidly produce highly consistent and tightly toleranced porous plastics. Moreover, as no release agent is required during the manufacturing process, the resultant porous plastic materials produced have a level of purity that will be readily compatible with even the most challenging healthcare applications.

He added "Early feedback from OEM customers receiving **Vyon® porous plastic components** manufactured using the automated system has been excellent in terms of ultra-pure product quality, consistency and the competitive pricing we can offer".

### **Vyon® offers**

excellent inherent properties for medical and healthcare products. It's venting capability allows closed environments to breathe whilst maintaining optimal bacterial resistance is a highly desirable and key property in a wide range of medical and pharmaceutical applications.

Proprietary to Porvair Sciences - Vyon® is a highly versatile porous plastic which can be modified give hydrophilic or hydrophobic properties, or enhanced to achieve specific chemical and biochemical separations. Vyon® can also be combined with other materials to create a composite products. For example, by adding a material that

swells on contact with aqueous solutions to the Vyon® composite material, an effective shut-off valve is produced and unwanted fluid transmission is prevented. These and other desirable properties have made Vyon® the material of choice of porous plastic for medical device / healthcare companies looking to produce drug filters, vents for catheters and medical fluid collection vessels with a competitive advantage. Vyon® is available in a range of shapes and sizes to suit your needs.



**To discuss how a bespoke ultra-pure Vyon® component**

can help improve your healthcare products performance and competitiveness, please contact Porvair Sciences Ltd on +44-1978-661144 or [enquiries@porvairsciences.com](mailto:enquiries@porvairsciences.com).

Porvair Sciences are global leaders and original manufacturers and developers of cutting-edge porous plastics technologies. With patents dating back to the 1950's, our porous plastics continue to evolve, adapt and respond to changes in technologies, markets and customer needs. Empowered by 50 years of industrial experience, we strive to continue delivering world class, high performing products while providing superior customer service, every step of the way. Our diverse team of scientists, engineers and creative thinkers are committed to providing expert solutions that brings value and integrity to our customers. For further information please visit <https://www.vyonporousplastics.com/medical-and-healthcare/>

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