

Connecting with confidence and safety

Elcam Medical chooses Eastman Tritan™ copolyester for its new stopcocks.

Elcam Medical is a world-class manufacturer of disposable medical devices for the OEM market, striving to provide the building blocks for safer and more effective fluid management in medical settings. The company is supplier to the medical industry's leading companies with particular expertise in the areas of fluid management and intravenous therapy, monitoring vital signs, interventional cardiology & radiology and dialysis.

When Elcam wanted to further improve its offering in safe and effective fluid management devices by developing a drug- and lipid-resistant BPA-free stopcock, it turned to the technical experts at Eastman, who recommended Eastman Tritan™ copolyester.

Drug- and lipid-resistant polymers are playing an increasingly important role in enhancing patient safety. Tritan is resistant to a large spectrum of medical fluids, such as oncology drugs, drug carrier solvents, and lipids that can cause cracking, crazing, and hazing in other plastics. Additionally, it is known for its toughness, low residual stresses, and color stability post sterilization.

Tritan, however, offers a clear advantage.

When devices lose their clarity and transparency, for example, potential problems such as air bubbles are more difficult to detect. Meanwhile, stringent sterilization techniques can have a yellowing effect on certain polymers, which can impact color-coding systems in connector applications.

"To help offer safer patient treatment through the use of our products, we were interested in Tritan because of its BPA-free manufacture, drug and lipid resistance, and polymer performance when sterilizing," says Eldad Ohayon, Elcam Medical Stopcock Product Manager. "But it also allows us to develop materials with improved thermal and mechanical properties compared to other polymers."

Elcam Medical designed its new Elcam Tritan™ integrated 4 way standard stopcock with T-handle, to meet the new ISO-80396-7 standard for Intravascular and Hypodermic applications, the goal of which is to improve patient safety by encouraging worldwide consistency in small-bore connectors for liquids and gasses in healthcare applications to reduce the risk of misconnections between medical devices and accessories.

For more information about Elcam Medical and their Elcam Tritan™ integrated stopcock, visit www.elcam-medical.com.



Made with Eastman Tritan™ copolyester, Elcam Medical designed its new Elcam Tritan™ integrated stopcock to meet new ISO 80396 standard for Intravascular and Hypodermic applications.

To learn how Eastman Tritan™ copolyester can help you stay ahead of industry changes and meet new ISO-80369 standards for small bore connectors, contact your Eastman representative or visit http://www.eastman.com/Pages/Small_bore_connectors.aspx



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