

Minntech® Introduces Hemoconcentrators and Hemofilters Featuring Housings Made with Eastman Tritan™ Copolyester



Eastman Medical Polymers Expand Into Renal Market

Kingsport, Tenn., U.S.A. — June 22, 2011 — One of the first acute renal care market manufacturers to utilize Eastman Tritan™ copolyester, the American-based Therapeutic Technologies Group of Minntech Corporation, a Cantel Medical company, announces it is developing the first renal system applications made with Tritan — Hemocor HPH® Hemoconcentrators and Renaflo® II Hemofilters. Tritan is a new-generation copolyester that offers the benefits of toughness, chemical resistance and color stability after sterilization for renal medical device housings.

The Hemocor HPH Hemoconcentrator is a fluid-removal device used in cardio bypass surgery. The Renaflo II Hemofilter is used in intensive care units for treatment of acute renal failure, including fluid removal and kidney stabilization procedures. Both devices will be available following regulatory submission and approval.

“It’s a priority that individuals in the healthcare industry are confident in the quality and reliability of our products,” said Randy Wenthold, vice president, Therapeutic Technologies Group, Minntech. “We believe being among the first to market with these devices featuring the high-quality attributes of Eastman Tritan™ copolyester is in line with our reputation as an industry leader that provides cutting-edge products.”

The durability of Eastman Tritan™ copolyester prevents premature cracking or breaking of dialyzer housings, protecting internal membranes and reducing waste due to product failure. Housings molded from Tritan are chemical-resistant to avoid environmental stress cracking and withstand exposure to blood, lipids and chemical agents, including isopropyl alcohol, disinfectants and bonding solvents. In addition, applications made with Tritan are manufactured without bisphenol A (BPA), ortho-phthalate plasticizers or halogens.

The combination of inherent toughness, heat resistance and sterilization stability renders device housings made with Eastman Tritan™ copolyester suitable for gamma, e-beam radiation and ethylene oxide (EtO) sterilization. Tritan offers superior optical clarity after sterilization compared with polycarbonate (PC) and polyolefins, allowing technicians to quickly and easily detect air bubbles, blood leakage or blood clotting.

Eastman Tritan™ copolyesters for renal applications were introduced by Eastman Chemical Company at the Medical Design & Manufacturing West (MD&M West) trade show in Anaheim, Calif., U.S.A. in February 2011.

“Throughout the past 70 years, Eastman has proven its ability to be a reliable supplier of innovative solutions to meet medical market demands for safe, reliable devices that increase patient safety and comfort,” said Dante Rutstrom, vice president and general manager, specialty plastics business, Eastman. “As manufacturers like Minntech begin using Eastman Tritan™ copolyesters for renal care applications, there will be increased opportunities to develop new products that serve medical staff and patients better than applications made with other materials currently available.”

Minntech’s Therapeutic Technologies Group also selected Eastman Tritan™ copolyester for the Hemocor HPH® Hemoconcentrators and Renaflo® II Hemofilters due to the material’s secondary operations capacities that allow solvent bonding and the potential to reduce cost and processing time. The high-flow attribute of Tritan made it possible for Minntech to utilize existing molds to create the new products.

To explore the benefits of Eastman Tritan™ copolyester for renal medical device applications, visit Eastman Booth 3.00d at the European Renal Association-European Dialysis and Transplant Association (ERA-EDTA) Congress from June 23 to 26 in Prague, Czech Republic.

For more information on Eastman Tritan™ copolyester, visit www.eastman.com/tritan.

For more information on Minntech, visit www.minntech.com.

Eastman’s chemicals, fibers and plastics are used as key ingredients in products that people use every day. Approximately 10,000 Eastman employees around the world blend technical expertise and innovation to deliver practical solutions. The company is committed to finding sustainable business opportunities within the diverse markets and geographies it serves. A global company headquartered in Kingsport, Tenn., USA, Eastman had 2010 sales of \$5.8 billion.

For more information, visit www.eastman.com.

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