

## Facts about Eastman Tritan™ copolyester

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Eastman Tritan™ is a new-generation copolyester that offers a unique balance of processing and performance properties — including clarity, toughness, and heat and chemical resistance, and the ability to produce products free of bisphenol-A (BPA).

Eastman Tritan™ copolyester builds on the versatility of its predecessors, but offers additional advantages, including easier processing, higher temperature resistance and higher impact resistance. It can often be dropped into existing molds with few or no adjustments. The total balance of performance and processing properties of Tritan give it advantages and design flexibility over other clear polymers, such as polycarbonate (PC) and acrylics.

**Clarity** – Approximately 90% light transmittance and good gloss.

Tritan™ demonstrate a high level of light transmittance, a low level of haze and a consistent color. Resulting high gloss makes colors more vibrant in colored or tinted applications.

**Tough and impact-resistant** – Notched Izod results are comparable to PC.

Tritan™ is impact- and shatter-resistant and has the ability to withstand extreme conditions.

**Dishwasher Durable** – Excellent hydrolytic stability and chemical resistance; low residual stress.

Tritan is not just dishwasher-safe, but will stay clear and tough even over hundreds of cycles with resistance to crazing or cracking.

**BPA-free** – Tritan™ is manufactured without BPA, so it offers a BPA-free option that provides as-molded toughness and chemical resistance without annealing.

**Easy processing** – Tritan™ often drops in to PC molds with frequently faster cycle times.

Since the launch of Eastman Tritan™ copolyester in 2007, Eastman has successfully partnered with top companies in a variety of markets. Recently, products using Tritan have been launched in the reusable sports water bottle, infant care, food and beverage, signs, small appliance and housewares markets. These products showcase a new level of design flexibility, and are tough, durable and BPA-free, while offering glasslike transparency without risk of breaking.

## About Eastman Chemical Company

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Eastman manufactures and markets chemicals, fibers and plastics worldwide. It provides key differentiated coatings, adhesives and specialty plastics products; is a major supplier of cellulose acetate fibers; and produces PET polymers for packaging. As a Responsible Care® company, Eastman is committed to achieving the highest standards of health, safety, environmental and security performance. Founded in 1920 and headquartered in Kingsport, Tenn., Eastman is a FORTUNE 500 company with 2007 sales of \$6.8 billion and approximately 10,500 employees.

For more information on products made from Eastman Tritan™ copolyester, visit [www.eastman.com/tritan](http://www.eastman.com/tritan) and [www.eastmaninnovationlab.com](http://www.eastmaninnovationlab.com).

For questions regarding Eastman Tritan™ or to schedule an interview with an Eastman expert, contact Audra Jacobs at [ajacobs@bader-rutter.com](mailto:ajacobs@bader-rutter.com) or +1-262-938-5462.





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Material Safety Data Sheets providing safety precautions, that should be observed when handling and storing Eastman products, are available online or by request. You should obtain and review the available material safety information before handling any of these products. If any materials mentioned are not Eastman products, appropriate industrial hygiene and other safety precautions recommended by their manufacturers should be observed.

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