

Eastman Tritan™ copolyester provides clear advantages for new Edgetek™ XT opaque blends.

PolyOne, a leading global provider of specialized polymer materials, wanted to offer molders and OEMs an innovative alternative to polycarbonate when it expanded its Edgetek™ XT technology portfolio of opaque blends. Eastman Tritan™ copolyester was the clear choice for these new performance blends because of its exceptional chemical resistance and hydrolytic stability, as well as competitive toughness, gloss and processability.

Developed for today's demanding consumer and industrial applications.

PolyOne will offer more than a dozen commercial grades of Edgetek™ XT blends made with Eastman Tritan™ copolyester for applications in:

- Housewares
- Small appliances
- Housings for hand-held devices, such as:
 - GPS and PDA systems
 - Small electronics
 - Battery-powered tools
 - Binoculars
 - Sporting goods
 - And more.

Engineered to measure up to today's stringent standard.

PolyOne selected Eastman Tritan™ copolyester because its unique balance of performance and processing properties can add value where it matters most:

- Higher standards of hygiene — Outstanding chemical resistance and toughness make Edgetek™ XT blends add value in environments with frequent exposure to chemical agents.
- Greater shelf appeal — Gloss and clarity add to the aesthetics of products.

- Improved design flexibility — Flow characteristics of Edgetek™ XT are well-suited for thin-walled parts.
- Enhanced processability — Edgetek™ XT can be injection molded, extruded or thermoformed, and shrinkage is similar to polycarbonate blends.
- BPA-free — Tritan is made without bisphenol-A (BPA), orthophthalate plasticizers and halogens, so it satisfies current consumer sensitivity in food contact applications.

Good for PolyOne. Good for Eastman. Good for you.

"These new compounds are an ideal extension of the Edgetek family of high-performance polymers," said Craig Nikrant, vice president and general manager, Specialty Engineered Materials, PolyOne. "The inherent chemical resistance and hydrolytic stability of Eastman Tritan™ copolyester make the new compounds ideal for applications where heat and chemical attack are prevalent, including housewares, hand-held electronics and small kitchen appliances, which may be repeatedly exposed to cleansers and disinfectants."

Lucian Boldea, durables business director for Eastman agrees: "For Eastman, this collaboration with PolyOne is an ideal way to expand the potential for ground-breaking applications of Eastman Tritan™ copolyester in ways that leverage its outstanding durability and ability to extend product life and increase aesthetic appeal."

Eastman Tritan™ copolyester delivers the balance of properties that can make Edgetek™ XT blends your clear choice for opaque applications. Learn more today by visiting www.eastman.com/tritan. Or call 1-888-321-1021.



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