



## Edgetek™

# High Performance Compounds

Made with BPA-free Eastman Tritan™ Copolyester

### Product Description

PolyOne's Edgetek™ engineered thermoplastic compounds portfolio, which covers a broad range of standard and custom formulated high-performance materials, now includes compounds based on Eastman Tritan™ copolyester, thanks to an exclusive agreement between PolyOne and Eastman to compound this material. Like all Edgetek compounds based on select base resins, the Tritan™ based products feature reinforcing additives that modify and expand the performance of the copolyester.



### Key Characteristics

Edgetek compounds made with Eastman Tritan™ copolyesters offer a wide range of properties and performance. Primary benefits include:

- **Chemical resistance and toughness**, extending product life and maintaining functional and aesthetic integrity
- **Exceptional clarity**, allowing light transmittance, low haze, and great shelf appeal
- **Heat resistant**, dishwasher-safe, lower residual stress than polycarbonate to reduce cracking and crazing
- **BPA free**, contains no bisphenol-A monomer

### Additional Features

- Design flexibility and processing ease
- Can be injection molded, extruded or thermoformed
- Can be compounded with PolyOne's OnColor™ and OnCap™ color and additive concentrates, and SmartBatch™ masterbatches



These products are BPA-free (containing no bisphenol-A) and are classified as a PolyOne Sustainable Solution\*

To learn more, go to [www.polyone.com/sustain](http://www.polyone.com/sustain)

\*The PolyOne Sustainable Solution certification is awarded to those products or services that meet defined criteria for sustainability in areas such as renew-ability, recycle-ability, reusability, eco-friendly composition, or resource efficiency.





## Markets and End-Use Applications

Edgetek™ compounds made with Eastman Tritan™ copolyesters are an excellent choice for applications including:

### **Appliances**

Blenders, coffee makers, mixers, food processors, juicers, specialty appliances (popcorn poppers, ice cream makers)

### **Housewares**

Dinnerware, flatware, drinkware, cookware, storage and bowls, cutting boards, utensils and gadgets, servingware, bottles, mugs

### **Infant Care**

Toys, care items, rattles and teething, sippy cups, dishes, utensils, bottles and breastfeeding accessories

### **Food Service**

Trays, covers, ware items, utensils, packaging items

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Better Business Solutions.™*

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