tritan™
from eastman

Clearly **more sustainable** polymer solutions

Tritan™ from Eastman helps advance **innovation in durable goods** with a variety of **sustainability advantages,** including:

- Inherent toughness and durability, which can increase product life and reduce waste compared with other polymers and glass
- Potential to reduce energy use by eliminating a separate annealing step (often required with polycarbonate [PC])
- Weight savings compared with glass, which can reduce shipping costs and energy use
- Potential to use less protective packaging compared with glass and more brittle polymers
- Tritan is GREENGUARD Indoor Air Quality Certified®.
- Tritan is made without bisphenol A (BPA).
- Tritan is free of estrogenic activity (EA).
- Tritan has a comparable life cycle assessment (LCA)—see page 2.

CLARITY

High light transmittance*

Low haze*

DURABILITY

Dishwasher durability*

Impact resistance*

SAFETY

Made without BPA and other chemicals of concern

STYLE

Sustainability is always in style.

Independent third-party test results available on request. For more information, contact your Eastman representative or call 1-888-321-1021.

CLEARLY BETTER. TRITAN.™

Clearing the way for **greater sustainability**

In today's world, sustainability is a major driver for key business decisions. Eastman is mindful of the need to substantiate its sustainability assertions and is collaborating with its major customers to conduct life cycle assessments that demonstrate how product performance can help customers meet their sustainability goals.

Meanwhile, Eastman has conducted internal cradle-to-gate LCA studies* for Tritan™ from Eastman to evaluate its environmental profile and inform decision-making within Eastman. The scope of the LCA studies included all major process steps in the manufacture of Eastman copolyesters from cradle to Eastman's exit gate, including raw material extraction, supply chain, transportation, utility generation, and all intermediate processing steps. Conversion, use, and end-of-life treatment of the copolyesters beyond Eastman's exit gate were not considered in the analysis. Likewise, infrastructure and corporate overhead were excluded.

Tritan offers customers a clearly better solution for durable products plus the knowledge that it has a carbon and energy footprint comparable to competitive materials.

Table 1. Cradle-to-pellet greenhouse gas (GHG) emissions

Eastman Trial TR-2016-19114. Details available on request.

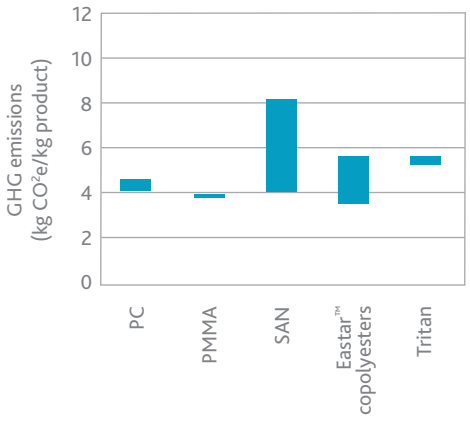
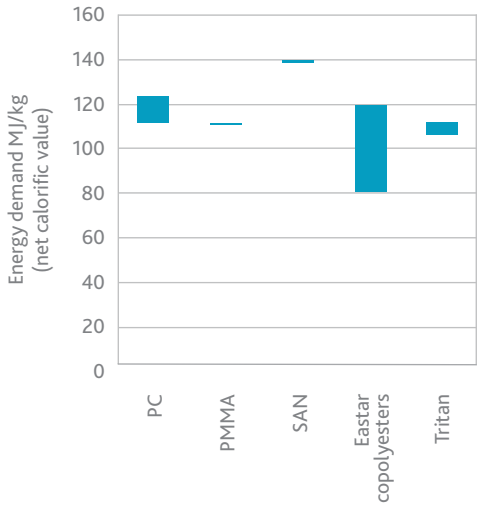


Table 2. Cradle-to-pellet energy demands

Eastman Trial TR-2016-19114. Details available on request.



*LCA study methodology is explained in Eastman document "Executive summary of Eastman methodology for life cycle assessment." <EMN-ST-118 (3/15) available at http://www.eastman.com/Literature_Center/E/EMNST118.pdf>

EASTMAN
The results of insight™

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