



CLARITY



DURABILITY



SAFETY



STYLE

**tritan™**  
from eastman

## SPORTS BOTTLES MADE WITH TRITAN™ FROM EASTMAN ARE TOUGH ENOUGH TO GO WHEREVER YOU GO.

Whether you're climbing Denali or going for a Saturday afternoon bike ride, water bottles made with Tritan™ from Eastman are the perfect choice. They're BPA-free, tough, durable, and dishwasher safe. So you can toss them in your bag or in the dishwasher and not worry about damaging them.

- Tritan's toughness, even in thin-walled sports bottles, stands up to the most extreme conditions and far outperforms other competitive resins (OCRs). Tritan is also odor and stain resistant, so there are no surprise smells or flavors.
- Tritan outperforms OCRs in dishwasher and heat resistance testing, delivering the durability and product longevity that customers value and expect. OCRs have been known to deform when exposed to heat, such as during microwaving, disappointing your customers.
- Tritan's toughness and clarity stand up to everyday on-the-go use and outperform OCRs.
- Tritan has a lower density than OCRs, meaning you need fewer pounds to produce the same part. This is both more sustainable and more economic than OCRs. In addition, Eastman's investment in advanced circular recycling will allow customers to meet goals for waste reduction and commitments on recycled content.
- OCRs have a much smaller processing window than Tritan, potentially leading to higher scrap rates, headaches, quality concerns, and the risk of complaints and poor customer reviews.
- Tritan's premium aesthetic, shatterproof resistance, and outstanding dishwasher durability all contribute to produce higher customers satisfaction ratings compared to OCRs.



## RISKS OF OTHER COMPETITIVE RESINS (OCRs)\*

Attribute	Tritan™ from Eastman	OCRs	Risks
Clarity/color	●	◐	<ul style="list-style-type: none"> <li>Poor color is perceived as loss in quality.</li> <li>Does not offer the glasslike clarity of Tritan</li> </ul>
Toughness	●	◐	<ul style="list-style-type: none"> <li>Higher breakage rates come up short on customer expectations.</li> <li>Thicker walls and more material needed increase cost.</li> <li>Short product lifetime is less sustainable.</li> </ul>
Chemical resistance (household chemicals)	●	◑	<ul style="list-style-type: none"> <li>More cracking leads to less stars, poor reviews, more returns, and time and money investigating complaints.</li> </ul>
Heat and moisture resistance	●	◐	<ul style="list-style-type: none"> <li>More cracking and deformation with common consumer uses such as dishwashing, microwaving, and hot beverages such as coffee or tea</li> <li>Limits claims and features for marketing product</li> <li>More complaints and bad reviews</li> </ul>
Chemical resistance (dishwasher)	●	◐	<ul style="list-style-type: none"> <li>More products cracking and deforming in a dishwasher</li> <li>Large cracks lead to complete loss of product function.</li> <li>Smaller cracks lead to leaking, are visually unappealing, and can hold food/bacteria.</li> </ul>
Process window	●	◐	<ul style="list-style-type: none"> <li>Overall, OCRs are more difficult to process.</li> <li>Higher scrap rates lead to added cost.</li> <li>Process inconsistency leads to product inconsistency.</li> <li>Higher investment in tooling</li> </ul>
Specific gravity	●	◑	<ul style="list-style-type: none"> <li>Higher specific gravity of OCRs leads to 8% more material per part.</li> </ul>

● Best ◐ Good ◑ Average ◒ Fair ○ Poor

\*Based on testing from Eastman and market feedback

**EASTMAN**  
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