

Volume 8 Issue 1

Application Highlight

Rulon® Bearings: "Glazing a New Trail" in Donut Production

Doughnuts – that classic fried confection that Americans love, yet dieticians love to hate. Did you know that [Rulon® bearings](#) are commonly used in the baking process of some of your favorite doughnut shops? Or that TriStar carries the largest [US inventory](#) of Rulon®? You might even say that TriStar and Rulon® bearings are "glazing a new trail" to deliver your daily baker's dozen!

When a major manufacturer of bakery equipment needed to enhance their doughnut production line, they called TriStar. In the interest of doughnut lovers everywhere, our team grabbed a hot cup o'Joe, a baker's dozen and set out to solve the client's doughnut dilemma...

Building a better bakery

Our client complained that the traditional metal bearings on their bakery conveyor system required too much upkeep and greasing, which increased maintenance costs and production time. They needed a solid solution to improve efficiency and decrease expenditures along the production line, which carried doughnuts from the dough rising area, to a fry trough, and then onto glazing and cooling stations. Their design called for the bearings to be installed along the conveyor belt, supporting rollers, and hot-oil trough.

Rulon® to the Rescue

Our team recommended [Rulon® 641](#) bearings, which fit the bill perfectly. Now considered the standard in food production, Rulon® bearings are easy to maintain, self-lubricating, offer low friction against stainless steel, and meet appropriate food production guidelines. Rulon® bearings are ideally suited to run in both wet and dry environments, and have excelled in the doughnut line's hot-oil trough, where temperatures commonly exceed 350°. Our client was also happy to note that Rulon® bearings can easily withstand the frequent wash downs and sanitation procedures required in food line production.

We've created "[The TriStar Advantage](#)" with you in mind.

Ask the Experts!

Click here to submit your questions directly to our Technical Director.

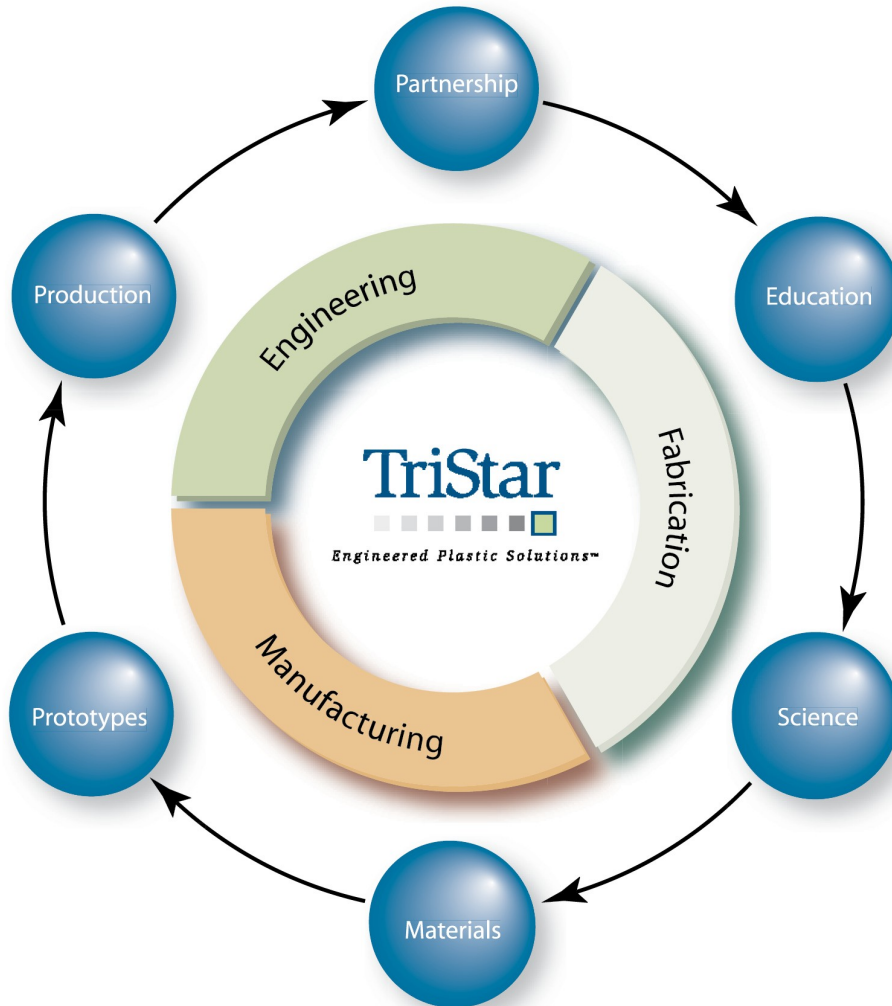


The
Advantage
is Clear

Our business has been designed by you.

Established in 1982, TriStar Plastics Corp. provides engineering, custom fabrication and manufacturing of high-performance polymers, composites and self-lubricating bearing materials.

With engineering and sales offices coast to coast we stand ready to serve you.



TriStar
Engineered Plastic Solutions™

Engineered Plastic Solutions™

Over 50 Industries Served

Since 1982 TriStar has been the in-house engineering resource providing engineering, design assistance, prototyping, custom fabrication, and manufacturing in over 50 industries including:

- Agriculture
- Construction
- Food
- Marine
- Medical
- Railroad