



Expandable Polystyrene

Solution Summary

Challenge

To meet the growing demand of the EPS cup and container market.

Solution

NOVA Chemicals converted a portion of its existing expandable polystyrene (EPS) line to premium DYLITE cup and container bead production. DYLITE is recognized as the leading product used in EPS cup and container applications globally and is used in products such as hot/cold cups, noodle bowls, ice cream containers, and various other applications. This project increases DYLITE production capacity by nearly 60% at the Beaver Valley Site in Monaca, Pennsylvania and complements the strong growth of the global EPS cup and container markets. Project completion was slated for 2002, but due to the cup and container market strength the project was completed in Q4 2001.

DYLITE® Advantages

Features

- » Low energy consumption
- » Highly consistent bead size
- » High gloss characteristics
- » Fast cycle times
- » Field engineering support

Potential Applications

- » Dual-use drinking cups
- » Noodle bowls
- » Take-out containers
- » Ice cream containers
- » Thin-wall cups



DYLITE