

# DuPont™ Zytel® HTN for food compliance in a new domestic food processor.

## Application Profile – Consumer Industry DuPont™ Zytel® HTN



### Application Description:

*"This application responds to recent market demand for "healthy food" rather than ready-to-eat meals."*

The support and insulating ring of this domestic food processor are made of Zytel® HTN.

### Benefits gained:

**Heat isolation:** Zytel® HTN helps keep the lid cold in the hand of the user: a direct benefit versus metal.

**Design freedom:** thermoplastics, and Zytel® HTN in this particular case, enable greater freedom in design.

**Low weight:** the use of Zytel® HTN contributes to a product that is easier to handle, due to its low weight, and is more robust.

This unique food processor uses induction technology to cook, providing time savings due to rapid and uniform heating.

### Materials chosen, and why:

Zytel® HTN FG52G35HSL BK011 was selected for its combined offering of food compliance and high temperature resistance over several cycles, with peaks up to 200°C.

This grade was ultimately selected to meet these requirements, while offering both an attractive appearance and long-term retention of its properties.

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Let's talk

We have the right materials, technology and technical resources to help you design and manufacture superior parts and systems. Please contact the nearest DuPont representative for your country.

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