

# Milliken® Hyperform® HPN® 500ei

## High-Performance Additive for Polypropylene

Designed for use by thermoformers, Hyperform® HPN® 500ei is a performance additive for polypropylene (PP) homopolymers that offers improved optics and higher stiffness.

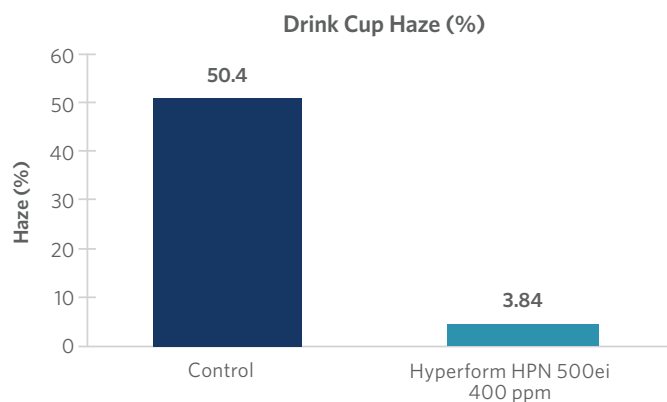
Hyperform® HPN® 500ei is a performance additive that provides high stiffness and improved optics to parts thermoformed from the polypropylene (PP) homopolymers that contain it.

PP resin formulated with Hyperform HPN 500ei yields products such as drink cups and sheet with a reduced yellow look, offering a significantly cleaner, newer appearance.

Additionally, it helps to improve the material's heat deflection temperature.

### Improved Optics

Hyperform HPN 500ei reduces the haze and the yellowness index, yielding final parts that are cleaner, clearer and more transparent, which can further enhance sustainability by allowing for more inter-material replacement.



### Typical Applications

- Food Packaging
- Drink Cups / Lids
- Trays



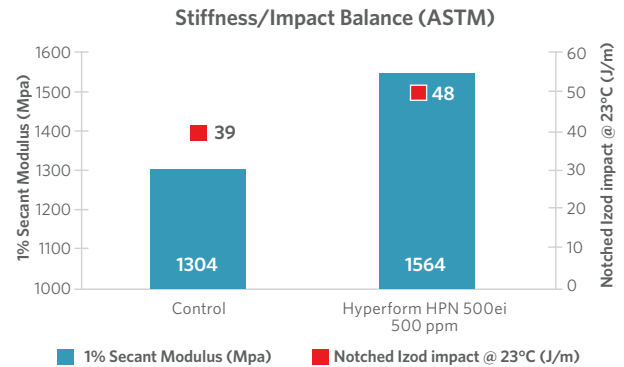
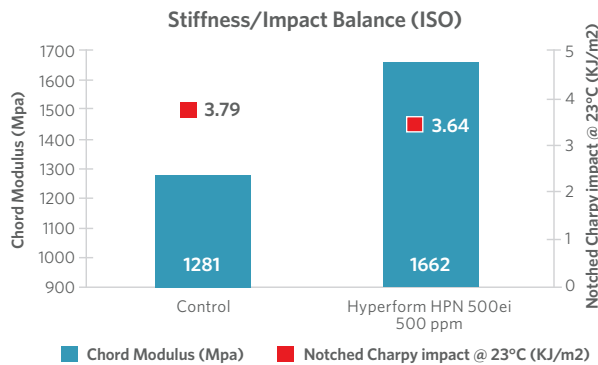
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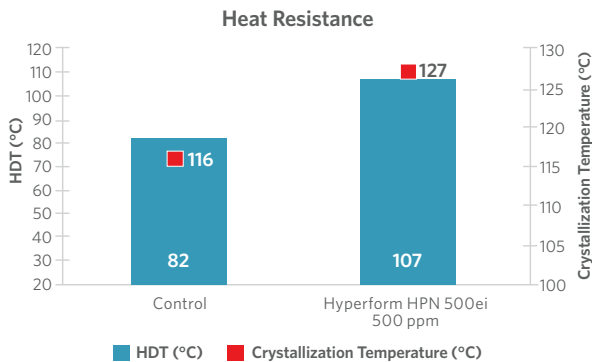
### Balanced Physical Properties

Traditional nucleating agents require customers to sacrifice impact to gain greater stiffness. Hyperform HPN 500ei delivers improved stiffness (Flexural Modulus) while maintaining the impact performance.



### Heat Resistance and Crystallization Behavior

Hyperform HPN 500ei provides a higher heat deflection temperature (HDT) and an increase in crystallization temperature.



Please contact your Milliken representative for any additional information.

PLEASE NOTE: As each customer's use of our product may be different, information we provide, including without limitation, recommendations, test results, samples, care/labeling/processing instructions or marketing advice, is provided in good faith but without warranty and without accepting any responsibility/liability. Each customer must test and be responsible for its own specific use, further processing, labeling, marketing, etc. All sales are exclusively subject to our standard terms of sale posted at [www.milliken.com/terms](http://www.milliken.com/terms) (all additional/different terms are rejected) unless explicitly agreed otherwise in a signed writing.

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