

# Milliken® Hyperform® HPN® 68Li

## High-Performance Additive for Polypropylene

Designed for use in polypropylene (PP) homopolymers and ideal for use in clear PP packaging, including thin wall injection molding.

Hyperform® HPN® 68Li's extremely fast crystallization speed helps injection molders to boost their productivity by accelerating cooling times and thereby reducing cycle times. It also offers proven energy savings, as certified by the independent testing agency UL, whose energy-saving label can be applied to the resulting products.

At the same time, Hyperform HPN 68Li assists with isotropic shrinkage and warpage control, which contributes to better-quality parts.

This additive reduces haze and delivers clear, aesthetically pleasing PP parts.

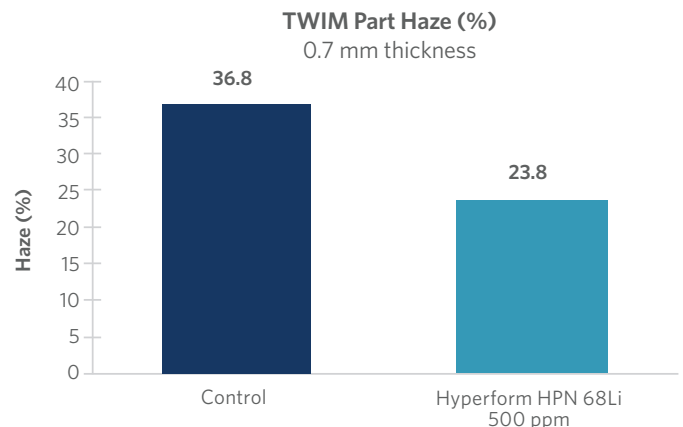


### Process

- Injection molding

### Improved Aesthetics

Hyperform HPN 68Li 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.



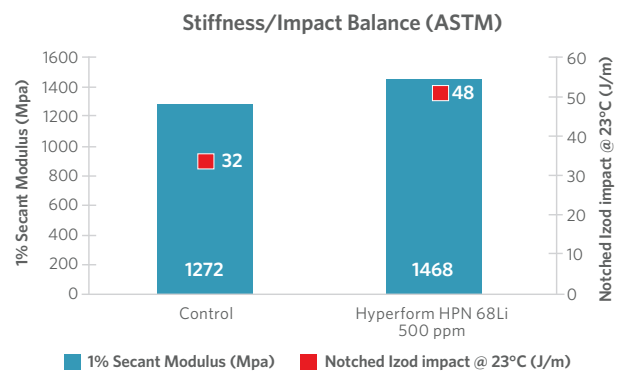
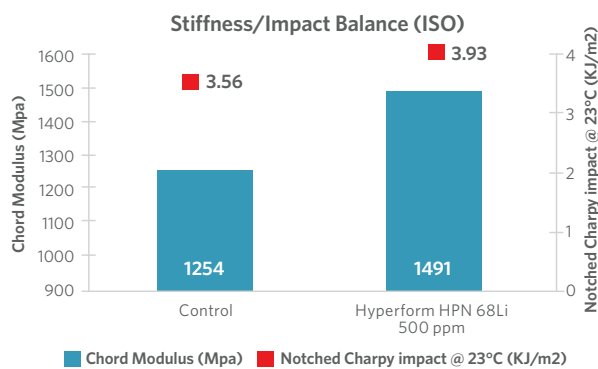
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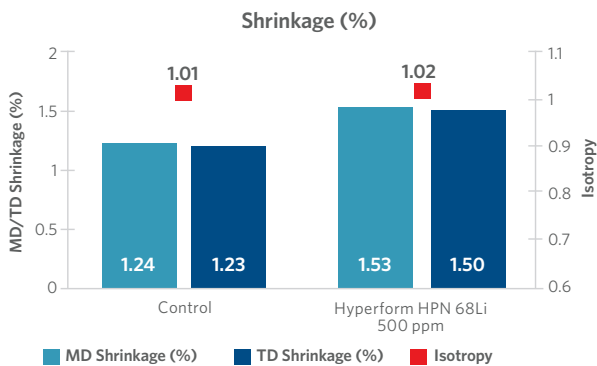
## Balanced Physical Properties

Traditional nucleating agents require customers to sacrifice impact to gain greater stiffness. Hyperform HPN 68Li delivers improved stiffness (Flexural Modulus) while maintaining the impact performance.



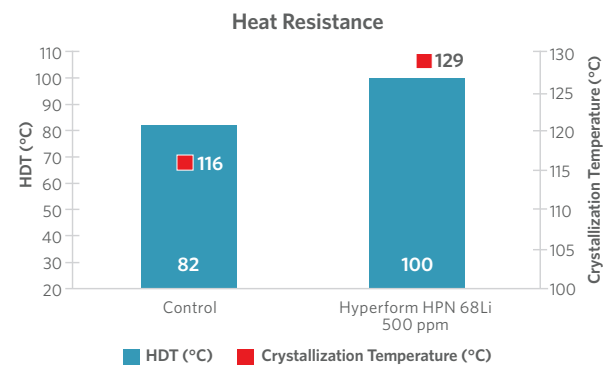
## Isotropic Shrinkage

The unique isotropic shrinkage behavior of Hyperform HPN 68Li allows dimensionally stable, non-warping PP parts.



## Heat Resistance and Crystallization Behavior

Hyperform HPN 68Li 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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