

Milliken® Hyperform® HPN™ -715

Performance Additive for Polypropylene

Providing Better Thermal Stability
along with Improved Stiffness /
Impact Balance

Milliken's latest nucleation technology, Hyperform HPN-715, addresses increasing demand of higher heat stability along with highest flexural modulus in polypropylene resins used in rigid automotive and appliance application, microwavable food packaging as well as inter material replacement. Higher heat stability via improved heat deflection temperature allows for improved product design when looking at inter material replacement opportunities. Adding Hyperform HPN-715 to Polypropylene (PP) allows for downgauging, material savings as well as material replacement, especially Polystyrene.



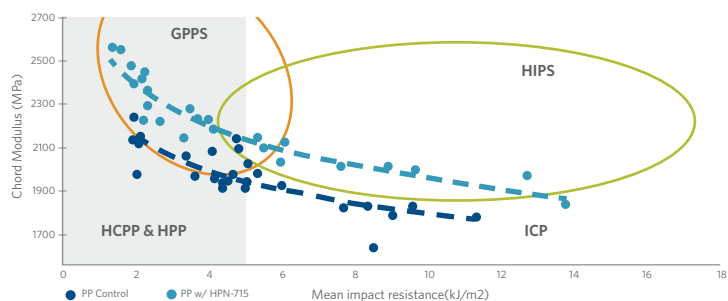
Major Attributes

- Superior thermal stability through improved Heat Deflection Temperature
- Highest stiffness in polypropylene
- Faster nucleation performance to improve productivity

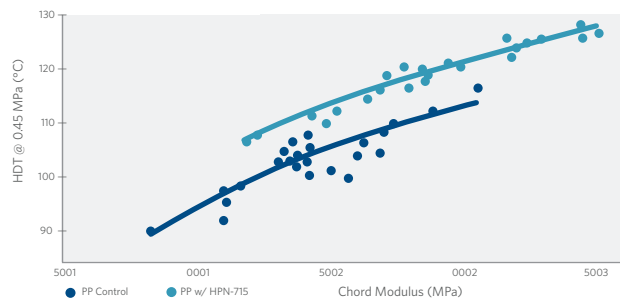
Typical Applications

- Food Packaging
- Automotive / Appliance
- Inter Material Replacement: PS / PET
- Industrial Packaging

ISO Charpy Impact vs Flexural Modulus



Flexural Modulus vs HDT



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 (all additional/different terms are rejected) unless explicitly agreed otherwise in a signed writing.

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