Milliken®

Additives and Colorants for Plastics

Enhancing Plastics with Color, Care, Clarity and Performance. Together.

Milliken creates solutions for polymer producers, converters, masterbatchers and brand owners that are safe, useful and sustainable.

The development of additives is part of our drive to solve the most meaningful problems, enabling plastics to improve people's lives and transform the impact plastics have on the environment for the better.

Millad® NX® 8000

The new standard in clear polypropylene

This clarifying agent yields ultimate clarity and transparency in injection molded, blow molded and thermoformed PP products allowing PP to become a viable alternative to glass or amorphous polymers like PC, PET, PVC and PS. At the same time, Millad NX 8000 also enables low-temperature processing in injection molding when compared to PP clarified with traditional clarifiers, which in turn yields both faster cycle times and energy savings.



Millad® NX® 8000E

The new standard in clear polypropylene

For transparency in extrusion blow molding: Makes resins less dependent on processing. Standard mold surface finishes & processing temperatures can be used without compromising quality—providing substantially better bottle aesthetics.



ClearTint™

Colorants for NX® UltraClear® polypropylene

ClearTint colorants offer the clearest and brightest colors for NX UltraClear PP, which is made exclusively with Milliken's Millad NX 8000 clarifier.



ClearShield™

UV protection in clear PET bottles

This UV Absorber gives the ultimate protection from damaging UV light to PET packaged materials such as food, beverages and consumer products.



UltraGuard™ Solutions

For improved barrier properties in HDPE pharmaceutical bottles

Brings value to polyethylene parts by improving the resin's barrier properties. These additives cut by up to 50% the transmission rate of any substance (such as moisture or oxygen) that passes through the polyethylene bottle.



Additives and Colorants for Plastics

Enhancing Plastics with Color, Care, Clarity and Performance. Together.



KeyPlast®

A spectrum of bright colorants for plastics

They yield stable, reproducible colors, and are suitable for use with a wide range of resins, including PET in transparent, food-contact applications, as well as in other transparent, amorphous polymers such as polystyrene (PS), polycarbonate (PC), acrylic (PMMA). They offer high purity and low volatile content.



KeyPlast RESIST™

A spectrum of bright, high performance colorants for plastics

The KeyPlast RESIST range delivers excellent thermal and process stability, improved weatherability, and works well in glass-filled and flame-retardant applications.



NX® UltraClear™ MaxImpact® 10238

Impact solution for clear polypropylene

The ultimate balance of clarity, impact and stiffness in clear PP applications.



Hyperform® HPN® 68L

Performance additives for polypropylene

A high performance additive for polypropylene allowing the fastest crystallization time in molding of any nucleator. Low warpage and isotropic shrinkage maximize part production and part quality.



Hyperform® HPN® 909ei

Performance additives for polypropylene

Designed for use by thermoformers in polypropylene homopolymers, Hyperform HPN 909ei is an additive that offers improved aesthetics and has been developed using a cleaner chemistry.



Hyperform® HPN® 500ei

High performance additives for polypropylene

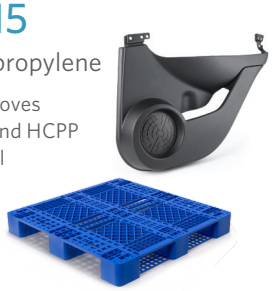
Designed for use by thermoformers, Hyperform HPN 500ei is a performance additive for polypropylene (PP) homopolymers that offers improved optics and higher stiffness.



Hyperform® HPN® 715

Performance additives for polypropylene

A high performance additive that improves stiffness/impact balance in ICP, hPP, and HCPP resins, allowing downgauging, material savings, and material replacement while enhancing the physical and thermal properties of PP.



UltraGuard™ Solutions

Performance addititives for polyethylene

Adding UltraGuard enables improved moisture barrier of PE films.



Please contact your Milliken representative for further product information including chemical registrations, food contact status, and other regulatory details.

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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