

Milliken® NX® UltraClear™ GP 120G

The New Standard In Clear Polypropylene

TECHNICAL DATA

NX® UltraClear™ GP 120G, based on clarifying agent Millad® NX® 8000, has been designed specifically to provide a step change in optical properties of polypropylene (PP) sheet and thermoformed parts. PP clarified with NX UltraClear GP 120G enables the use of less expensive, more functional, and more sustainable materials. End-uses include meat and ready meal trays, clamshell containers and lids.



Features and Benefits

- Increased transparency
- Direct feeding into the extruder
- UltraClear PP as clear as PET/PS

Dosing Procedure

- NX UltraClear GP 120G is dosed like any other masterbatches (standard pellet size).
- NX UltraClear GP 120G can be added to un-nucleated or nucleated polypropylene grades if the recommended dosing for optimal transparency is respected. It is incompatible with 3G clarifiers.

Typical Properties

- **Appearance:** Grey granules
- **Pellets per gram:** 75
- **Typical LDR:** 2.0%



Processing Conditions

- Normal polypropylene melt temperatures are adequate when using NX UltraClear GP 120G. In exceptional occasions, melt temperatures might need small increase.
- For optimal transparency in sheet extrusion, it is recommended to use clean, undamaged and high polished calender rolls. Process optimization might be needed to maximize the sheet transparency.

Packaging Options

Region	Bag kg	Bags Per Pallet	Pallet kg	Pallet Dimensions
North America	20	30	600	48" x 40" x 48"
Europe	25	40	1000	130 cm x 110 cm x 145 cm
Latin America	25	40	1000	130 cm x 110 cm x 140 cm

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.

NORTH AMERICA
Spartanburg, SC, USA
Tel: 800-910-5592
Fax: 864-503-2430
millichem@milliken.com

EUROPE
Gent, Belgium
Tel: 32-9-265-1100
Fax: 32-9-265-1195
eurochem@milliken.com

LATIN AMERICA
Sao Paulo, Brazil
Tel: 55-11-3043-7942
Fax: 55-11-3043-7096
lachem@milliken.com

LATIN AMERICA
Mexico City, Mexico
Tel: 52-55-3088 3600
Fax: 52-55-9000 2643
lachem@milliken.com

ASIA
Singapore
Tel: 65-6377-0770
Fax: 65-6377-0990
asiachem@milliken.com

ASIA
Shanghai
Tel: 86-21 6145-5555
Fax: 86-21 6145-5558
asiachem@milliken.com

ASIA
Pune, India
Tel: 91.20.6730.7501
Fax: 91.20.6730.7514
asiachem@milliken.com