

Milliken® NX® UltraClear™

For Blow Molded Packaging

Polypropylene (PP) clarified with Millad® NX® 8000E gives PP a transparency boost that overcomes the traditional undesirable milky appearance of PP in blow molding, creating highly-attractive transparency similar to PET.

Clarity in Polypropylene never looked so good

Millad® NX® 8000E helps improve gloss on the inside and outside of bottles. This is an important feature for products such as bottles for shampoos and detergents, where brand owners strive to have their products stand out on the shelves.

NX UltraClear PP Benefits

Clarity and gloss

Cost efficient

- Lowest density

Sustainable

- Lower carbon footprint
- Lower weight
- Recyclable

Specific attributes

- Chemical resistance
- Design flexibility
- Squeezability

Light weight and cost efficient packaging

NX® UltraClear™ PP has the lowest density, allowing the lowest weight, resulting in a sustainable cost alternative solution.

PP has the ability to offer a 20 % weight saving compared to PET based bottles, with possibilities to produce 45 bottles from 1kg of PP compared with 38 bottles from 1kg of PET.



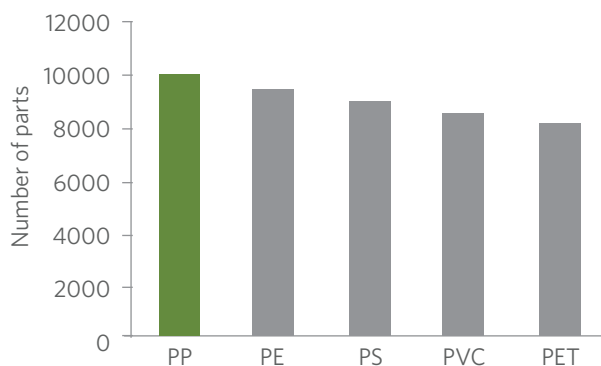
NX[®] UltraClear[™]

For Blow Molded Packaging

NX[®] UltraClear[™] PP offers a cost-effective solution to the packaging trend for low carbon footprint materials and resource efficiency.

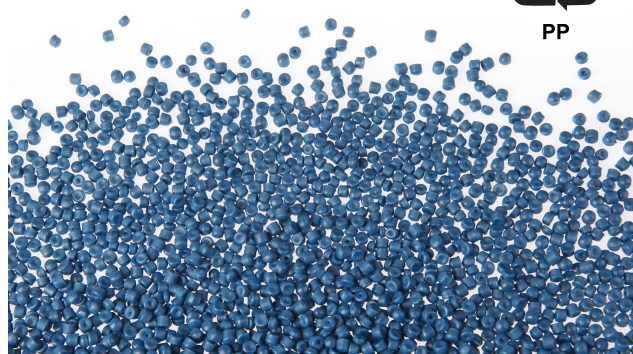
Low density of polypropylene

Number of parts produced with 1000 kg material*



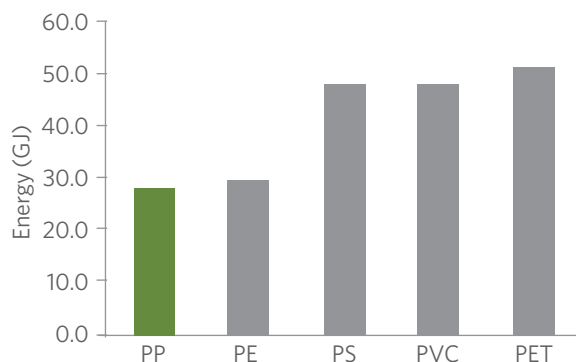
*Calculations are based on the weight of 1 PP part = 100 g. Equivalent weights for 1 part of PE, PS, PVC and PET are calculated based on density difference.

Polypropylene is recyclable



Low carbon footprint during production of the granulate

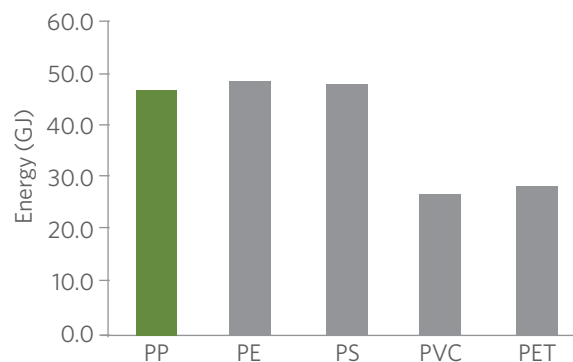
Energy to produce raw material for 10,000 parts*



*Calculations are based on the weight of 1 PP part = 100 g.

High energy recovery values for polypropylene

Energy recovery of 10,000 parts*



*Calculations are based on the weight of 1 PP part = 100 g.

NX UltraClear Polypropylene can only be achieved by using PP resins that contain Millad NX 8000 clarifying agent, or by adding NX UltraClear to the PP resin.

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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