

Milliken® NX® UltraClear™ Polypropylene

For thermoformed & foldable packaging

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

Clarity in Polypropylene never looked so good

NX UltraClear Polypropylene Benefits

Clarity

Cost efficient

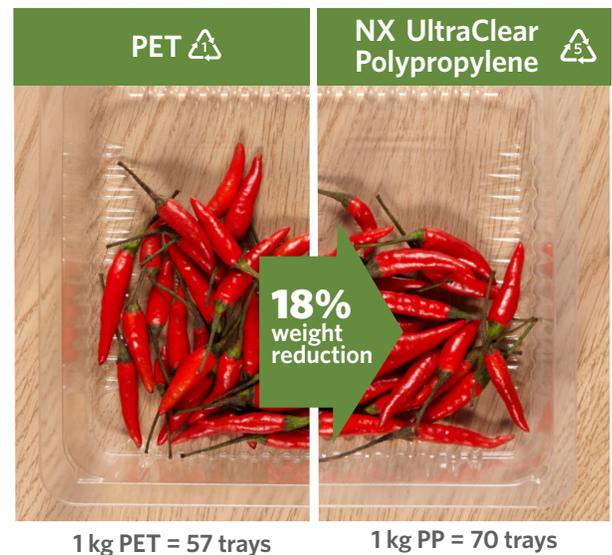
- Lowest density

Sustainable

- Lower carbon footprint
- Lower weight
- Recyclable

Specific attributes

- Heat resistance
- Easy seal, easy peel
- Ductile



Microwaveability and hot fill

The material's excellent heat resistance further extends application opportunities by enabling microwaveability and hot fill capability.



Light weight solution

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

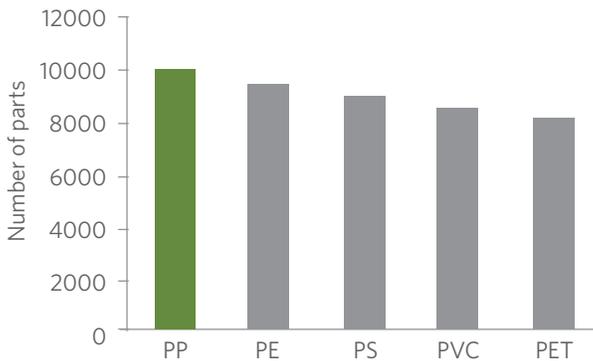
NX[®] UltraClear[™] Polypropylene

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NX[®] UltraClear[™] Polypropylene 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*



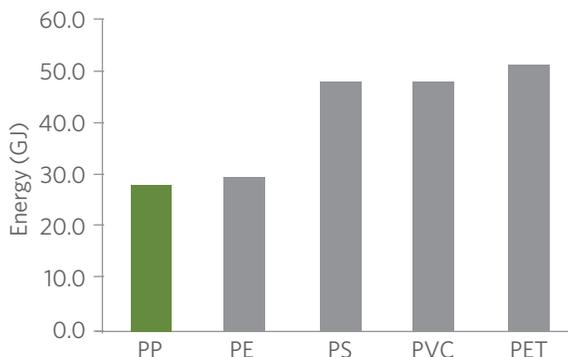
*Calculations are based on the weight of 1 PP part = 100 g. Equivalent weights for 1 part of PE, PS, PVC and PET are calculated based on density difference.

Polypropylene is recyclable



Low carbon footprint during production of the granulate

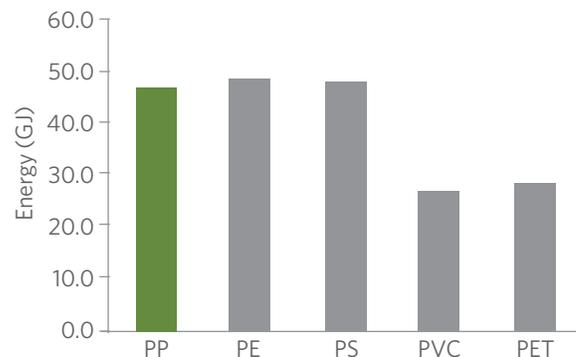
Energy to produce raw material for 10,000 parts*



*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 Polypropylene 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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