

Millad® 3988

CLARIFYING AGENT FOR POLYPROPYLENE

2 STAGE ISBM



An attractive container option now available for the bottle & container market with superior aesthetics and hot fill economics.



Reduce cost

- Lower material cost compared to PET
- Reduced processing cost because of lower blowing pressure
- Lower weight bottles for hot-filled products
- Elimination of resin drying allows for lower energy and lower capital costs

and enhance brand image

- Intricate designs and logos because of excellent mold duplication properties
- Crystal clear bottles and contemporary bottle designs
- Robust quality and soft touch
- Unbreakable and squeezable



with an enabling technology

- Introduce new products hot-filled up to 95 degrees C
- Produce hot-filled containers on existing equipment
- Faster processing speeds for hot-filled containers
- Squeezable single serve containers



that is now available on a commercial scale.

- Bottles produced on existing PET Machines
- Maximum speeds for cold and hot filled bottles (1500 bottles per hour per cavity)
- Production Consistency
- Preforms produced on standard injection molding equipment with cycle times as fast as PET preforms

www.pp-isbm.com
www.millikenchemical.com



Improved

- Bottle quality
- Bottle performance
- Production consistency
- Production speed

Headquartered in Spartanburg, S.C., Milliken Chemical is a division of Milliken & Company, one of the world's largest privately held textile and chemical corporations. With technical service and application development centers in North America, Asia, Europe and Latin America, Milliken serves a broad array of markets, providing products and services that enhance the performance, appearance, and durability of consumer and commercial products. For further information, visit www.millikenchemical.com.



Neck: 38 mm
Volume: 355 ml
Preform Weight: 17g, 21g
Can be hot filled.



Neck: 28 mm
Volume: 500 ml
Preform Weight: 23g
Can be hot filled.



Neck: 38 mm
Volume: 500 ml
Preform Weight: 21g



Neck: 38 mm
Volume: 450 ml
Preform Weight: 21g

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