

Milliken®

Millad® 3988i

Clarifying Agent for Polypropylene

Polypropylene clarified with Millad® 3988i is an outstanding alternative to glass or other clear polymers. It enables breakthrough packaging innovation by providing a unique combination of clarity, moisture barrier, light weight, chemical resistance, and low cost.

Millad 3988i Clarifying Agent provides:

- Unrivalled clarity in PP
- No taste, no odor
- Low material density
- Microwavability
- Excellent design flexibility
- Superior hot fill properties
- Significant cost savings compared to other material options

Millad 3988i is effective in virtually all processes and applications including:

- Injection Molding
- Sheet Extrusion and Thermoforming
- Thinwall Injection Molding
- Extrusion Blow Molding
- Injection Stretch Blow Molding
- Blown and cast film

Markets



Beverage Packaging



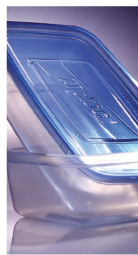
Cosmetics



Food Packaging



Household Cleaners



Housewares



Media Packaging



Medical Devices



Office Supplies



Protective Packaging

Continuing its commitment to research and development, Milliken has added a global business development team dedicated to expanding the use of polypropylene into new value-added applications.

Recent developments include:

- Breakthroughs in clear polypropylene in Injection Stretch Blow Molding technology. Clear polypropylene bottles can now compete with other material options in key areas such as cost, appearance, processing speed, and physical properties.
- Developments in the clarification of media packaging resulting in a highly appealing, consumer friendly, cost effective package.

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: 55-11-3043-7170
Fax: 55-11-3043-7096
lachim@milliken.com

LATIN AMERICA
Mexico City, Mexico
Tel: 52-55-3088 3600
Fax: 52-55-9000 2643
lachim@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: (20) 4011-0601
Fax: (20) 4011-0602
asiachem@milliken.com