

Thermoforming



MAYZO
Specialty Chemicals **Plus**

Light
Stabilizers

Antioxidants

Stabilizer
Blends

Release
Coats

Resins

Specialty
Additives

BETA NUCLEATING TECHNOLOGY



If you mold or sell polypropylene (PP) containers such as yogurts, wipes, and food packaging and want to meet your sustainability goals, Mayzo's Beta Nucleating Technology is a great option to add to your formulations.

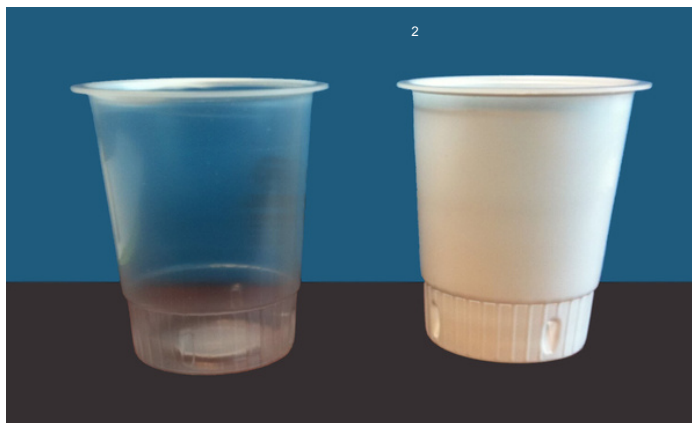


- Material down-weighting
- Improved top-load crush strength and sidewall rigidity
- Cycle time reduction through lower processing temperatures

1.800.449.9068
sales@mayzo.com
www.mayzo.com

Responsible Reduction of Your Polypropylene Footprint Using Additives

Material Reduction + Cost Savings



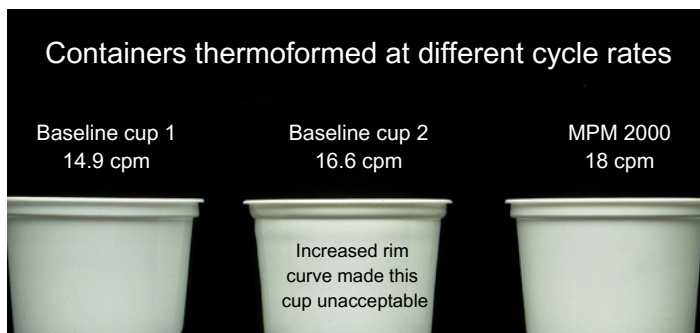
Non-Nucleated Cup 8.3g MPM 2000 Cup 7.1g
MPM 2000 = 15% plastic reduction with 0% TiO2

Improved Impact & Tensile Strength



Control - No MPM 2000 1% MPM 2000
MPM 2000 = More uniform wall thickness thereby eliminating thin spots at the tray corners

Cycle Time Reduction



MPM 2000 = Increased Cycles Per Minute ~ 20%

*Advantages only apply to thermoformed containers.
Impact strength improvement is only seen in injection molded containers.*

- Less plastic usage with no loss in product function
- Less energy consumed during production of packaging
- 20% higher productivity means more output per hour of machine time
- Lower forming temperatures lead to less energy use
- Less transportation energy used due to lower product weight
- Improved recyclability, little or no white pigment (TiO2)

Mayzo provides specialty chemical additive solutions globally in a wide range of markets. Since 1986, customers have relied on the Mayzo team for their ingenuity, responsiveness, and extraordinary service culture.



3935 Lakefield Court
Suwanee, Georgia, 30024 USA
Toll Free 1.800.449.9068
Phone 770.449.9066
www.mayzo.com



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