



# High-Performance Anti-Fog Masterbatch for PP Trays

Clear product visibility is critical in ready-to-eat and hot-filled food packaging. In PP trays exposed to heat, moisture condensation can quickly impair visibility, particularly during hot-filling processes, where standard anti-fog solutions may lose effectiveness.



**AF9963PP EU** is a high-performance anti-fog masterbatch developed specifically for PP trays, designed to maintain clear visibility during elevated-temperature conditions common in ready-meal and hot-fill applications.



**Control -  
No Anti-Fog**



**PP  
Anti-Fog  
Masterbatch**

## Key Benefits

- ✓ **Stable Hot-Fog Performance:** Designed to act fast & remain effective during hot filling.
- ✓ **Clear Product Visibility:** Helps maintain a transparent tray surface, allowing consumers to clearly see food quality and freshness.
- ✓ **Food-Contact Compliance:** Formulated to meet major global regulatory requirements for food packaging, including FDA and EU standards.

## Applications

**Ready-to-Eat Meals** - PP trays intended for ready-to-eat meals

**Hot-Fill Packaging** - Containers for rotisserie chickens, soups, and other products filled/exposed to elevated temperatures.

## Supporting Sustainability Goals

- ✓ **Recycling Compatibility** - Designed to be compatible with standard PP recycling streams, keeping PP trays fully recyclable.
- ✓ **Material Efficiency** - High-potency formulation enables low let-down ratios, reducing additive usage and supporting efficient logistics.
- ✓ **Food Waste Reduction** - Keeps the tray clear, helping prevent unnecessary disposal caused by condensation-related opacity.