



Integrated Liquid Absorption for EPS Trays

A built-in liquid absorption technology that elevates product presentation, strengthens food safety measures, and enhances sustainability.



Fresh food packaging demands clean appearance, high hygiene standards, and compatibility with existing EPS recycling streams. Traditional absorbent pads add waste and are often unsuitable for circular systems. Integrating absorption functionality directly into the EPS tray provides a simple, pad-free approach for cleaner and more efficient packaging.



**Tray with
absorbent
MB**



**Tray
without
absorbent
MB**

How It Works

The liquid absorber masterbatch (**ST1025PS EU**) is incorporated into the EPS foam during production. It modifies the foam cells, so they capture and retain liquid within the tray structure, keeping the surface dry and helping maintain product freshness.

Key Benefits

- ✓ **Premium Product Presentation:** Liquid is drawn into the tray structure, keeping the food surface clean.
- ✓ **Improved Food Hygiene:** Reducing free liquid helps limit bacterial growth.
- ✓ **High Absorption Performance:** Modified foam structure enables strong liquid uptake compared to conventional pads.
- ✓ **Recycling Compatibility:** Fully polystyrene construction supports established EPS recycling streams.

Applications

Meat Packaging • Poultry Packaging
Seafood Packaging • Food Service Trays