



Advanced Additive & Color  
Solutions for **Injection Molding**



# Boosting Injection Molding Performance with Smart Solutions

## Key Functional Masterbatch Solutions

**ColorUp™** – Re-coloring and rectifying colored PCR and PIR

**AO MaX™ and UVSeal™** – thermal and UV stabilization and re-stabilization solutions

**T-Flow™** – Rheology control solutions for easy processing

**IVSeal™** – Chain extenders for boosting IV and processability of rPET

**CrystalClear™** – Nucleation and clarifying solutions

**T-Foam™** – Foaming solutions for lightweighting and improved processability



## Sustainability That Performs

Our solutions support long-term environmental and economic value:

- ✓ Compatibility with recycled materials for improved circularity
- ✓ Enhanced processing efficiency and reduced energy consumption
- ✓ Recyclability and minimized environmental impact
- ✓ Consistent product quality, even when using recycled content

## Main Applications

**Garden furniture • Home storage and consumer goods • Rigid packaging  
Caps and closures • Electrical & electronics • Home appliances**

## Your Success Is Our Mission

Reliable, high-performing materials are key to thriving in any industry. That's why we work closely with you, from lab to execution, to tailor solutions that meet your exact needs.

- **Global reach** with local support
- **Custom formulations** for your process & environment
- **Decades** of proven performance
- **Expert guidance** when & where you need it
- **Long-term partnerships** to improve resilience & productivity

## AO MaX™ - Thermal stabilization solutions

Prevent thermal degradation of the resin during processing and/or provide long-term heat stability. Especially important for re-stabilization of PCRs and regrinds.

Solution	Details
<b>AO8513PE EU</b>	Cost-effective AO for polyolefins. Provides long-term thermal stability
<b>AO8995PE</b>	Highly concentrated AO MB, tailored for recycled materials
<b>AO5835PE EU</b>	For demanding processes and products requiring superior stabilization, including recycling of barrier films PIR and PCR

## OdorSeal™ - Odor control solutions

Absorb and eliminate bad odors associated with processing recycled materials and certain additives, fillers, and pigments.

Solution	Details
<b>OD7904LL EU</b>	General purpose odor scavenger MB, suitable for transparent articles
<b>OD9493PE EU</b>	General purpose transparent odor scavenger and thermal stabilizer
<b>OD9499PE EU</b>	High performance stabilization package, for demanding processes and products, including recycling of barrier films PIR and PCR
<b>OD9169PE EU</b>	Cost-effective solution for non-transparent articles

## DesiSeal™ - Moisture control solutions

Absorb and eliminate internal moisture to avoid occurrence of associated defects. Can shorten or replace time and energy-consuming pre-drying processes.

Solution	Details
<b>CP2989PE EU</b>	Cost-effective desiccant MB for polyolefin articles
<b>CP7859PE</b>	Cost-effective desiccant MB for polyolefin articles

## TopFusion™ - Compatibilizers and modifiers

Compatibilizers couple and improve adhesion of foreign resin contamination and prevent delamination, mechanical and optical defects.

Solution	Details
<b>TopFusion™ P100</b>	Compatibilizer and adhesion promoter for PP applications
<b>TopFusion™ PE2003W</b>	Compatibilizer and adhesion promoter for PE applications
<b>IP0871HP</b>	Compatibilizer for PE-PP blends

## T-Flow™ - Rheology control solutions

Increase and stabilize melt flow of the resin, allowing for easier processing.

Solution	Details
CR7822HP EU	High performance pelletized flow enhancer for PP applications, suitable for transparent articles
CR7827HP	High performance pelletized flow enhancer for PP applications, cost-effective, for non-transparent applications
AP00157S EU	Granular flow enhancer for PP, suitable for recyclers and compounders
CR8920PE EU	Flow enhancer for PE applications

## IVSeal™ - Chain extension solutions

Re-increase intrinsic viscosity (IV) of PET and other polycondensation resins and preserve virgin properties, making time-consuming processes redundant.

Solution	Details
CX9124ET EU	Chain extender MB for PET applications

## ColorUp™ - Color upcycling solutions

Rectify and revive color of recycled material. Allow the users to utilize more PCR in their products without compromising quality and processability.

Solution	Details
Various	On-demand tailor-made solutions

## Optimize

**Solutions that optimize product properties and processability**

## T-Aid™ - lubrication, processing aids and mold release solutions

Improve melt flow and mold-fill rates, eliminating flow related defects. Enable demolding of complex articles.

Solution	Details
MR0865PE EU	Slip and mold release agent. Suitable for transparent article
SL0004PE	Cost-effective mold release and slip masterbatch
SL9275PE EU	Slip and torque release additive for caps and closures
Z00307A	Lubricant MB for injection molding of PE and PP articles
AP9418AB EU	Lubricant MB for ABS
IP9481PS EU	Lubricant and mold release MB for PS



## UVSeal™ - UV control solutions

Standalone and colored combi-batches for light and weather stabilization.

Solution	Details
UV3855PE	General purpose UV package for PP injection molding
UV7263ET EU	UV blocking MB for clear PET articles. Fully transparent, non yellowing, fully recyclable, and non-SVHC

## TopIM™ - Impact modifiers for technical resins

Grafted impact modifiers and mechanical properties enhancers for technical resins such as polyamides, etc.

Solution	Details
TopIM™ PA IM68S EU	Impact modifier for polyamide compounds. Provides very low temperature impact resistance (T <sub>g</sub> =-55 °C)
TopIM™ PA IM57S EU	Cost-effective impact modifier for polyamide compounds. Provides low temperature impact resistance (T <sub>g</sub> =-30 °C)

## MaxIM™ - Impact modifiers for polyolefins

Impact modifiers and mechanical properties enhancers for polyolefins for various conditions.

Solution	Details
RT6982DP EU	Impact modifier for sub-zero temperature applications, injection molding grade
RT6985DP	Impact modifier for room temperature applications

## T-Tect™ - Metal and X-ray detectable solutions

Metal and X-ray detectable solutions allow the plastic to become detectable and prevent broken fragments from reaching the consumer.

Solution	Details
MD8723LL EU	Metal detectable MB for injection molding of polyolefin articles
MD8668DP EU	Metal detectable MB for injection molding of polyolefin articles
MD8670LLK	Metal detectable MB for injection molding of polyolefin articles, non metallic and suitable for corrosive environments. Black color
DX6560PE EU	X-ray detectable MB for injection molding of polyolefin articles

## Reinforcement

Glass fiber, natural fiber, and mineral compounds for that improve mechanical properties.

## Color and Effects

Standard and on-demand color solutions and special and unique effects.

## Minimize

## Solutions minimizing the use of raw materials and waste of energy and time

### T-Foam™ - Chemical foaming solutions

Enable reduction of density (lightweighting) and elimination of sink marks.

Solution	Details
FA2989PE EU	Endothermic FA for injection molding thick-wall applications
FA0953PE EU	Fine structure FA for XPS, thin wall applications, and direct gassing foam nucleation

### CrystalClear™ - Nucleation and clarification solutions

Encourage nucleation and increase crystallinity, reduce cycle times and warpage, and improve mechanical and optical properties.

Solution	Details
NU3701PP EU	Nucleating MB for PP
NU2753HP EU	Nucleating agent for clear PP articles
NU6670PP EU	Clarifying agent MB for PP
FA0979PE EU	Ultrafine foaming agent MB tailored for nucleation and de-warping of various resins

### IRapid™ - Fast heating solutions

Increase efficiency of downstream re-heat processes, such as thermoforming and blow molding.

Solution	Details
IR9354PE EU	Heating MB for polyolefin thermoforming and blow-molding processes
IR9360ET EU	Heating MB for PET thermoforming and blow-molding processes

### PurgeSeal™ - Purge and shutdown solutions

Enable fast and easy color/material changeover and reduce downtime and material waste.

Solution	Details
CL9250PE EU	Purge compound for small-to-medium injection molding machines
CL9253PE EU	General purpose purge compound for injection molding and extrusion
CL9247PE EU	Purge and shutdown compound for extrusion blow-molding process
CL9251PE EU	Purge compound for large injection molding, blow molding and extrusion lines

## **K-NoIR™ - NIR-sortable black solutions**

Strong and opaque black color solutions for production of circular, sortable, and fully recyclable articles.

<b>Solution</b>	<b>Details</b>
<b>IR9092PEK EU</b>	Cost effective, high strength, non-magnetic NIR black for polyolefin applications
<b>IR9090PEK EU</b>	High-performance IR-detectable black for polyolefin applications
<b>IR9096ETK EU</b>	Cost effective, high strength, non-magnetic NIR black for polyester applications
<b>IR9099PEK EU</b>	Low warping NIR black for PP and HDPE caps & closures and accurate applications

## **L-TEC® - Laser marking and welding solutions**

Laser marking solution allow for fast high resolution marking on various polymers.

<b>Solution</b>	<b>Details</b>
<b>LM8871LL EU</b>	Laser marking MB for clear articles
<b>LM8708PE EU</b>	Laser marking MB for clear applications at low letdown ratio
<b>LM0309PE EU</b>	Laser marking MB for clear and highly-pigmented applications

## **Sustainable Fillers**

Reduce plastic content of the product by using fillers collected from the market, such as coffee grounds and eggshells.

# Making it Happen Globally.



## Tailor-Made Solutions for Your Success

