



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 and environment
- **Decades** of proven performance
- **Expert guidance** when and where you need it
- **Long-term partnerships** to improve resilience and productivity



Masterbatch & Compound Solutions for Injection Molding

>> This catalog features core solutions designed to address common industry needs. Customized grades are also available to support unique challenges and evolving requirements.

Maximize | Solutions Maximizing the Use of Recycled Materials

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
AO8513PE EU	Cost-effective AO for polyolefins. Provides long-term thermal stability.
AO8995PE	Highly concentrated AO MB, tailored for recycled materials.
AO5835PE EU	For demanding processes and products requiring superior stabilization, including recycling of barrier packaging 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
OD7904LL EU	General purpose odor scavenger MB, suitable for transparent articles.
OD9493PE EU	General purpose transparent odor scavenger and thermal stabilizer.
OD9499PE EU	High performance stabilization package for demanding processes and products, including recycling of barrier packaging PIR and PCR.
OD9169PE EU	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
CP2989PE EU	Cost-effective desiccant MB for polyolefin articles.
CP7859PE	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
TopFusion™ P100	Compatibilizer and adhesion promoter for PP applications.
TopFusion™ PE2003W	Compatibilizer and adhesion promoter for PE applications.
IP0871HP	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 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.
SL9725PE EU	Slip and turque 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 _g =-55 °C).
TopIM™ PA IM57S EU	Cost-effective impact modifier for polyamide compounds. Provides low temperature impact resistance (T _g =-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.

Solution	Details
IR9092PEK EU	Cost-effective, high-strength, non-magnetic NIR black for polyolefin applications.
IR9090PEK EU	High-performance IR-detectable black for polyolefin applications.
IR9096ETK EU	Cost-effective, high-strength, non-magnetic NIR black for polyester applications.
IR9099PEK EU	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.

Solution	Details
LM8871LL EU	Laser marking MB for clear articles.
LM8708PE EU	Laser marking MB for clear applications at low letdown ratio.
LM0309PE EU	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

