



Injection Molding Solutions

Solutions that enable use of recycled materials

Antioxidants - Thermal Stabilization

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

Product	Details
AO8513PE EU	Cost-effective AO for polyolefins. Provides long-term thermal stability
AO8995PE	A highly concentrated version of the AO, tailored for recycling processes
AO5835PE EU	AO for demanding processes and products requiring superior stabilization
AO9411GP	AO 1-Pack for POM and PBT applications
AO9416GP	AO 1-Pack for polyamide applications

Odor Scavengers

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

Product	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 applications
OD9169PE EU	Cost-effective solution for non-transparent articles

Desiccants

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

Product	Details
CP2989PE EU	Cost-effective desiccant MB for polyolefin articles
CP7859PE	Cost-effective desiccant MB for polyolefin articles

Compatibilizers and Modifiers

Compatibilizers couple and improve adhesion of foreign resin contamination and prevents delamination, mechanical and optical defects. Modifiers (boosters) improve mechanical properties, such as impact strength.

Product	Details
Topfusion P100	Compatibilizer - adhesion promoter for PP applications
Topfusion PE2002W	Compatibilizer - adhesion promoter for PE applications
Topfusion PE2003W	Compatibilizer - adhesion promoter for PE applications
IP0871HP	Compatibilizer for PE-PP blends
Toppim IM68S EU	Impact modifier for PA6 and PA66
RT6985DP	Impact modifier for PP

Flow Enhancers

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

Product	Details
CR7822HP EU	Pelletized flow enhancer for PP applications, for transparent articles
CR7827HP	Flow enhancer for PP applications
AP00157S EU	Granular flow enhancer for PP, suitable for recyclers and compounders
CR8920PE EU	Flow enhancer for PE application

Chain Extender

Re-increases intrinsic viscosity (IV) of PET and other polycondensation resins and preserves virgin properties, making time-consuming processes redundant. Can save valuable time required for IV increase in SSP reactor.

Product	Details
IP9121ET EU	Chain extender MB for PET applications

Color Upgrader

Ensures i made with recycled materials accurately maintain the precise color of the specific application.

Product	Details
Various	On-demand tailor-made solutions

Solutions that improve processability and production yield

Mold Release

Enables demolding of complex articles.

Product	Details
MR0865PE EU	Slip, antistatic, and mold release agent. Suitable for transparent articles
SL0004PE	Cost-effective mold release and slip masterbatch

Lubricants

Improve melt-flow and mold-fill rates, eliminating flow-related defects

Product	Details
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

Nucleators

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

Product	Details
NU3701PP EU	Nucleating MB for PP
NU2753HP EU	Nucleating agent for clear PP articles
NU6670PP EU	Clarifying agent MB for PP

Heating

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

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

Purge and Shutdown Compounds

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

Product	Details
CL9250PE EU	Purge compound for small-to-medium injection molding machines
CL9252PP EU	Purge compound for medium-to-large injection molding machines
CL9253PE EU	General purpose purge compound for injection molding and extrusion
CL9254PE EU	Purge and shutdown compound. suitable for hot-runner processes
CL9255PE EU	Purge and shutdown compound for low TM resins (PVC, EVA, ...)
CL9256PE EU	Purge compound for injection molding of engineering resins
CL9247PE EU	Purge and shutdown compound for extrusion blow-molding process

Color and functional solutions

Foaming Agents

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

Product	Details
FA2989PE	Endothermic FA for injection molding thick-wall applications
FA0953PE EU	Fine structure endothermic FA for XPS and thin wall PO applications
FA9227PE EU	Exothermic FA for PE foam
FA9601PE	New and highly cost-effective version of FA2989PE

NIR - Detectable Black and Silver

Provide strong, opaque and deep black or silver coloration, without interfering with NIR-sortability and recyclability.

Product	Details
IR9095PEK EU	Cost-effective IR-detectable black for polyolefin applications
IR9090PEK EU	High-performance IR-detectable black for polyolefin applications
IR9148ETK EU	Cost-effective IR-detectable black for polyester applications
IR9090ETK EU	High-performance IR-detectable black for polyester applications

Laser Marking and Welding

Enable laser marking or welding using laser devices.

Product	Details
LM8871LL EU	Laser marking MB for clear articles
LM8708PE EU	Laser marking MB for clear applications at low letdown ratio
AG00308	Laser marking MB for clear and highly-pigmented applications
LM9193PP	Laser welding MB for PP
LM9120HD	Laser welding MB for HDPE

UV

Standalone and combi-batches with colors for light and weather stabilization.
Please contact Tosaf for specific recommendation.

Product	Details
UV3855PE	General purpose UV package for PP injection molding
UT00001	UV blocking masterbatch for clear PET articles
UV9414GP	UV and AO 1-Pack for POM applications
UV9424GP	UV and AO 1-Pack for PA6 and PA66 applications

Reinforcement

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

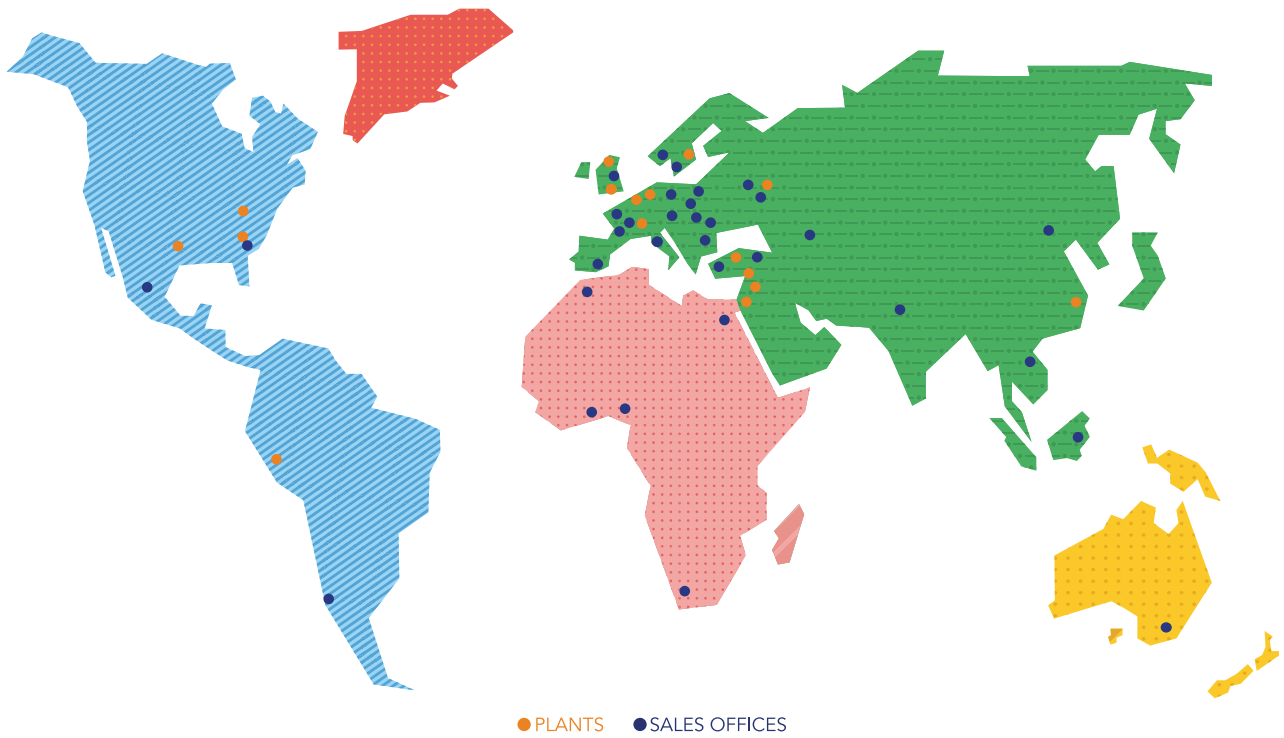
Color and Effects

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

Sustainable Fillers

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

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