



Films & Tapes
Giving Life to Plastic

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Code	LDR %	Description	Notes
Antiblock Masterbatches			
AB 06001 LD	1.0 – 2.5%	10% synthetic Silica with 4 µm particle size	
Combines excellent antiblocking and optical properties for film gauges < 100 µm.			
AB 06002 LD	0.5 – 1.25%	20% synthetic Silica with 4 µm particle size	
Combines excellent antiblocking and optical properties for film gauges < 100 µm.			
AB 06051 LD	0.5 – 1.5%	20% synthetic Silica with 10 µm particle size	
Combines excellent antiblocking and optical properties for film gauges > 80 µm.			
AB 06085 LD	2.0 – 5.0%	Organic antiblock additive with 10 µm particle size	
Combines improved optical properties with good antiblock and slip properties in the skin layer of coextruded films. No interference with migrating additives like antistatics or antifogs.			
AB 08020 LD	0.5 – 3.0%	20% natural Silica with 10 µm particle size	
Prevents blocking of films. Slight effect on optical properties may be expected for film gauges < 150 µm.			
AB 0F600 LD	2.0 – 5.0%	10% natural Silica with 10 µm particle size	
Prevents blocking of films. Slight effect on optical properties may be expected for film gauges < 150 µm.			
AB 0K630 LD	1.0 – 5.0%	70% natural Silica with 5 µm particle size	
Prevents blocking of films. Improved optical and AB properties may be expected.			
AB 06001 PP	1.0 – 2.5%	10% synthetic Silica with 4 µm particle size	
Combines excellent antiblocking and optical properties for films and better release of thermoforming sheets.			
AB 06019 PP	1.0 – 5.0%	5% synthetic Silica with 4 µm particle size	
Combines excellent antiblocking and optical properties for films and better release of thermoforming sheets.			

Slip Masterbatches

SL 05004 LD	0.5 – 2.0%	5% highly purified Erucamide slip additive	
For applications requiring fast migration at higher processing temperatures.			
SL 05083 LD	1.0 – 5.0%	Synergistic combination of additives	
High performance applications requiring long lasting slip effect, for film gauges > 10µm.			
SL 0C600 LD	1.0 – 3.0%	6% blend of Amides	
For applications requiring fast migration at higher processing temperatures.			
SL 05004 PP	1.0 – 3.0%	5% of highly purified Erucamide slip additive	
For applications requiring fast migration rates, with higher temperature stability.			



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Slip / Antiblocking Masterbatches			
SAB 0C720 LD	1.0 – 2.0%	5% Erucamide and 10% natural Silica with 15 µm particle size	
Provides well balanced antiblocking and slip properties			
SAB 06510 LD	1.0 – 2.0%	5% Erucamide and 10% synthetic Silica with 4 µm particle size	
Provides balanced antiblocking and fast slip properties.			
SAB 06569 LD	1.0 – 3.0%	Synergistic combination of additives	
Provides balanced antiblocking and fast slip properties when processing mLLDPE, plastomers or PE-copolymers. Avoids screw slip and blooming. Provides excellent printing and sealing properties in comparison to Oleamide or Erucamide.			
SAB 0656A EVA	1.0 – 5.0%	10% synthetic Silica 4 µm particle size + 10% slip agent	
Well balanced antiblocking and slip for highly concentrated EVA layers and sticky film.			
SAB 06527 PPR	1.0 – 4.0%	5% synthetic Silica and 5% high purity Erucamide	
Provides balanced antiblocking and medium slip with higher temperature stability.			

Antistatic Masterbatches			
AT 04003 LD	2.0 – 4.0%	Combination of antistatic agents	
Avoids static charges during processing and handling. Immediate effect as well as long-term performance.			
AT 04055 LD	1.0 – 5.0%	Fast migrating antistatic agent and mineral synergist	
Eliminates static charges. Increases slip of film.			
AT 04073 LD	1.0 – 6.0%	Fast migrating and long lasting antistatic agent	
Eliminates static charges even at very low humidity. Recommended for packaging of electronic components.			
AT 04096 LD	1.0 – 5.0%	Fast migrating antistatic agent and mineral synergist	
Eliminates static charges. Delivers additional slight slip effect.			
AT 04124 LD	5.0 – 20.0%	Polymeric non-migrating antistatic	
Offers permanent antistatic effect immediately after processing.			
AT 54108 LD	1.0 – 6.0%	Fast migrating and long lasting antistatic agent	
Eliminates static charges even at very low humidity. Recommended for packaging of electronic components. Gives a slight pink color.			
AT 54114 LD	1.0 – 6.0%	Fast migrating and long lasting antistatic agent	
Eliminates static charges even at very low humidity. Recommended for packaging of electronic components. Gives a pink color.			
AT 04003 HD	5.0 – 20.0%	Combination of antistatic agents	
Avoids static charges during processing and handling. Immediate effect as well as long-term performance.			

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AT 04002 PP	2.0 – 5.0%	Medium migrating long-term antistatic agent	
Avoids static charges during processing and handling.			
AT 04003 PP	2.0 – 5.0%	Combination of antistatic agents and synergist	
Avoids static charges during processing and handling. Immediate effect as well as long-term performance.			

Antislip Masterbatches

AS 04820 LD	3.0 – 5.0%	For film gauges < 80 µm	
Blocking agent used for the production of heavy duty bags to obtain antislip properties.			
AS 08320 LD	2.0 – 5.0%	Rough surface antislip for film gauges > 80 µm	
Blocking agent used for the production of heavy duty bags to obtain antislip properties.			

White Masterbatches

CC 18161 LD	2.0 – 10.0%	60% Titanium dioxide	
For indoor applications and limited outdoor service.			
CC 12720 LD	2.0 – 8.0%	70% Titanium dioxide	
For indoor applications and limited outdoor service.			
CC 18160 PP	2.0 – 10.0%	60% Titanium dioxide	
For indoor applications.			
CC 18170 PP	2.0 – 8.0%	70% Titanium dioxide	
For indoor applications.			

Antifog Masterbatches

AF 00201 LD	6.0 – 10.0%	Antifog MB for preventing formation of water droplets on film surface	
Suitable for packaging and storage of cold and hot packed food stuffs. Recommended for films based on LDPE, LLDPE and EVA.			
AF 00202 LD	6.0 – 12.0%	Antifog MB for preventing formation of water droplets on film surface	
Suitable for packaging and storage of cold packed food stuffs. Recommended for films based on LDPE, LLDPE and EVA.			
AF 00238 PP	1.5 – 2.5%	Antifog MB for preventing formation of water droplets on film surface	
Suitable for packaging and storage of cold packed food stuffs. For food approval according to the US-FDA only .			
AF 00240 PP	3.0 – 5.0%	Antifog MB for preventing formation of water droplets on film surface	
Suitable for packaging and storage of cold packed food stuffs. For food approvals according to the EC Commission Directives only .			

Code	LDR %	Description	Notes
Flame Retardant Masterbatches			
FR 07062 LD	3.0 – 25.0%	Brominated flame retardant with synergist	
Provides flame retardancy according to FMVSS 302, UL-94, DIN 4102 B1 and B2 resp. EN 13501-1 Euroclass E. Conform with RoHS and VDA 232-101.			
FR 07174 LD	8.0 – 12.0%	Halogen free unique flame retardant MB	
Provides flame retardancy according to NFPA 701, FMVSS 302, UL-94, DIN 4102 B2 resp. EN 13501-1 Euroclass E. Conform with RoHS and VDA 232-101.			
FR 0K580 LL	3.5 – 5.0%	Halogen free flame retardant suitable for LDPE and HDPE	

Heat and Processing Stabilizer Masterbatches (Anti Oxidants)			
ST 03003 LD	1.0 – 3.0%	Synergistic combination of antioxidants	
Improvement of the processing and long-term heat stabilization; rework of trimmings and other film scrap (recycling); stabilization of the polymer with respect to the shut down of the extrusion process.			
ST 04400 LL	1.0 – 3.0%	Synergistic combination of antioxidants	
Recommended especially when heat stability during production is required. It moderates changes in melt flow index and reduces gel formation.			
ST 0A880 LL	1.0 – 4.0%	Synergistic combination of antioxidants	
Specifically formulated AO for the processing of HDPE. It moderates changes in melt flow index and reduces formation of gels.			
ST 03003 PP	1.0 – 3.0%	Synergistic combination of antioxidants	
Improvement of the processing and long-term heat stabilization; rework of trimmings and other film scrap (recycling); stabilization of the polymer with respect to the shut down of the extrusion process.			
ST 03022 PP	1.0 – 3.0%	Synergistic combination of antioxidants	
Mainly for fibres and white pigmented films to improve the long-term stability with increased gas fading resistance.			

Optical Brightener Masterbatches			
OB 02001 LD	0.5 – 1.3%	Optical brightener - eliminates yellow tint of films	
Light fastness and heat stability for elimination of yellowish effect.			
OB 02004 PP	0.02 – 0.06*%	Optical brightener - eliminates yellow tint of films	
Gives a slight bluish shade. * Pre mixing with polypropylene required.			



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Processing Aid Masterbatches			
PA 00801 LD	0.3 – 2.0%	Processing aid	
Eliminates melt fracture of LLDPE and mLLDPE. Reduces die built up, gel formation and extruder pressure. Ideal in polyolefins containing pigments and fillers.			
PA 00833 LD	0.5 – 4.0%	Processing aid	
Eliminates melt fracture of LLDPE and mLLDPE. Reduces die built up and extruder pressure.			
PA 00852 LD	1.0 – 5.0%	Processing aid	
Reduces die built up and extruder pressure. Improves gloss when used in cast film or HDPE and HMW-HDPE blown film, blow-molding and pipes. Ideal for processing at higher temperatures.			
PA 00856 LD	0.4 – 2.5%	Processing aid	
Eliminates melt fracture of LLDPE and mLLDPE. Reduces die built up and extruder pressure. Ideal in polyolefins containing pigments and fillers. Very efficient with new low melt index LLDPE and mLLDPE grades.			
PA 01970 LL	0.5 – 3.0%	Processing aid	
Improvement in film processing properties together with elimination of melt fracture and die build up.			
PA 00833 PP	0.5 – 3.0%	Processing aid	
Reduces die built up and extruder pressure.			
PA 00852 PP	1.0 – 5.0%	Processing aid	
Reduces die built up and extruder pressure. Ideal for processing at higher temperatures.			
PA 00859 PA	0.5 – 2.0%	Processing aid	
Reduction of viscosity, die build up together with improved processability.			

UV Light Absorber Masterbatches			
UVA 01001 LD	1.5 – 6.0%	Organic UV absorber for transparent films > 80 µm	
Protection of light sensitive goods, synergist for light stabilizer, mainly for a UV-B absorption.			
UVA 01034 LD	1.5 – 6.0%	Organic UV absorber for transparent films > 80 µm	
Protection of light sensitive goods, synergist for light stabilizer, for both UV-A and UV-B absorption.			
UVA 06890 LD	2.0 – 7.0%	Natural Silica + UV absorber + UV stabilizer	
A combination of antiblocking effect together with UV blockage. For shrink films >100µm.			
UVA 01001 PP	1.0 – 5.0%	Organic UV absorber for transparent films > 80 µm	
Protection of light sensitive goods, synergist for light stabilizer, for both UV-A and UV-B absorption.			
UVA 01034 PP	1.5 – 6.0%	Organic UV absorber for transparent films > 80 µm	
Protection of light sensitive goods, synergist for light stabilizer, for both UV-A and UV-B absorption.			

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UV Light Stabilizer Masterbatches			
UV 01122 LD	2.0 – 7.0%	10% HALS + inorganic additives	
Synergistic combination of hindered amine light stabilizer and inorganic additive.			
UV 01255 LD	1.5 – 7.0%	Synergistic combination of HALS	
For extruded and injection-moulded items made of HDPE and LDPE. Environmental influences like chemicals, acid rain etc. can impare the efficiency.			
UV 00880 LL	1.0 – 5.0%	20% HALS	
Highly effective in combination with carbon black.			
UV 06250 LL	1.5 – 6.0%	High efficiency HALS combination	
General purpose UV/AO stabilizer. For HDPE and LDPE. Environmental influences like acid rain etc. and chemicals can impare the efficiency.			
UV 09030 LL	2.0 – 5.0%	14% HALS	
UV stabilizer for Polypropylene slit tapes.			
UV 00990 LL	1.0 – 5.0%	20% HALS	
Environmental influences like chemicals, acid rain etc. can impare the efficiency.			
UV 01022 HD	1.0 – 7.0%	20% HALS	
Environmental influences like acid rain etc. and chemicals can impare the efficiency. For HDPE.			
UV 01017 PP	1.0 – 5.0%	20% HALS	
For PP products requiring no food-approval.			
UV 01022 PP	1.0 – 7.0%	20% HALS	
High effective UV stabilizer for PP. Environmental influences like acid rain etc. and chemicals can impare the efficiency.			

Purge Compound

PR 00701 LD	50%	Synergistic combination of additives	
Used for shut down period between production. Contains an abrasive material.			
PR 04040 LD	25 – 100%	30% natural Silica	
Used for shut down period between production. Contains an abrasive material.			

Anticorrosion Masterbatch

AC 00320 LD	6%	VCI Masterbatch based on PE	
For the production of corrosion-protection films made of Polyethylene.			

Color Masterbatches

Color masterbatches are available on request according to customers' requirements. Combinations with other active ingredients, e.g. with antistatics, UV light stabilizers or flame retardants, can be developed.



KafritGroup

is an innovative and leading producer of customized Masterbatches and Compounds for the plastic industry. For over 35 years Kafrit and its subsidiaries have been operating globally selling unique products and giving added value to well known consumers around the world.

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The Group supplies the following Masterbatches & Compounds:

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Flame Retardants
Fillers
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Light Stabilizers
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Processing Aids
Purge Agents
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White Masterbatches

For applications such as:

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Biodegradables
BOPA
BOPP
Fibers
Nonwoven
PE Packaging
Polycarbonate Sheet
PP Cast and Calander Films
Tapes
Thermoforming



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