

**Pipes & Sheets**  
Giving Life to Plastic

## Giving Life to Plastic

Code	LDR %	Description	Notes
<b>Antiblocking Masterbatches</b>			
<b>AB 08020 LD</b>	0.5 - 3.0%	20% natural Silica with 10 µm particle size	
Prevents blocking of thermoforming sheets. Slight effect on optical properties may be expected. For film gauges < 150 µm.			
<b>AB 0K630 LD</b>	1.0 - 5.0%	70% natural Silica with 5 µm particle size	
Prevents blocking of thermoforming sheets. Improved optical and AB properties may be expected.			
<b>AB 06001 PP</b>	1.0 - 5.0%	10% synthetic Silica with 4 µm particle size	
Combines excellent antiblocking and optical properties.			
<b>AB 06019 PP</b>	1.0 - 5.0%	5% synthetic Silica with 4 µm particle size	
Combines excellent antiblocking and optical properties.			
<b>AB 0K600 PS</b>	2.0 - 5.0%	For HIPS and GPPS extruded articles	
To be used in white electronics.			

<b>Antistatic Masterbatches</b>			
<b>AT 0B790 LL</b>	1.0 - 5.0%	Eliminates static charge in polyolefin extruded articles	
Reduces the attraction of dust and other contaminants to the product's surface.			
<b>AT 08990 PS</b>	2.0 - 10.0%	Concentrated (30%) anionic antistatic for HIPS sheets	
Reduces the attraction of dust and other contaminants to the product's surface.			
<b>AT 0E983 PS</b>	2.0 - 8.0%	Antistatic for HIPS sheets	
Reduces the attraction of dust and other contaminants to the product's surface.			

<b>Nucleating Masterbatch</b>			
<b>NC 0G62A LD</b>	1.0 - 5.0%	Nucleator for extruded foamed polyolefins	
Assists with achieving an increased output, better cell structure and mechanical properties.			
<b>NC 00602 PP</b>	1.0 - 2.5%	Sorbitol based nucleator	
For improved optical and mechanical properties; can be used for extrusion temperature up to 270°C without plate-out on the die. Reduces cycle time in injection moulding.			
<b>NC 02160 PP</b>	1.0 - 4.0%	For PP sheets	
Assists with achieving increased output, increase of both flexure and E modulus with minimal effect on impact.			
<b>NC 0J490 PS</b>	2.0 - 7.0%	For XPS sheets	
Assists with achieving an increased output, better cell structure and mechanical properties.			

Code	LDR %	Description	Notes
<b>Desiccant Masterbatches</b>			
<b>DS 0C640 LD</b>	1.0 - 5.0%	Desiccant MB for extrusion of polyolefins	
Eliminates problems associated with humidity.			

<b>Heat and Process Stabilizing Masterbatches</b>			
<b>MD 03102 LD</b>	1.0 - 2.0 %	Synergistic combination of antioxidants	
Inhibits degradation of articles in contact with metals, in particular Copper and its alloys.			
<b>ST 03003 LD</b>	1.0 - 10.0%	Synergistic combination of antioxidants	
Improvement of processing and long-term heat stabilization; rework of trimmings and other scrap (recycling); stabilization of the polymer with respect to extrusion shut-down process.			
<b>ST 04400 LL</b>	1.0 - 10.0%	Synergistic combination of antioxidants	
Recommended especially when heat stability during production is required. Moderates changes in melt flow index and reduces gel formation.			
<b>ST 0A880 LL</b>	1.0 - 4.0%	Synergistic combination of antioxidants	
Specifically formulated AO for the processing of HDPE. Moderates changes in melt flow index and reduces formation of gels.			
<b>ST 03003 PP</b>	1.0 - 10.0%	Synergistic combination of antioxidants	
Improvement of processing and long-term heat stabilization; rework of trimmings and other scrap (recycling); stabilization of the polymer with respect to extrusion shut-down process.			
<b>ST 03066 PP</b>	1.0 - 3.0%	Synergistic combination of antioxidants	
For hot water pipes and articles with required leach resistance.			



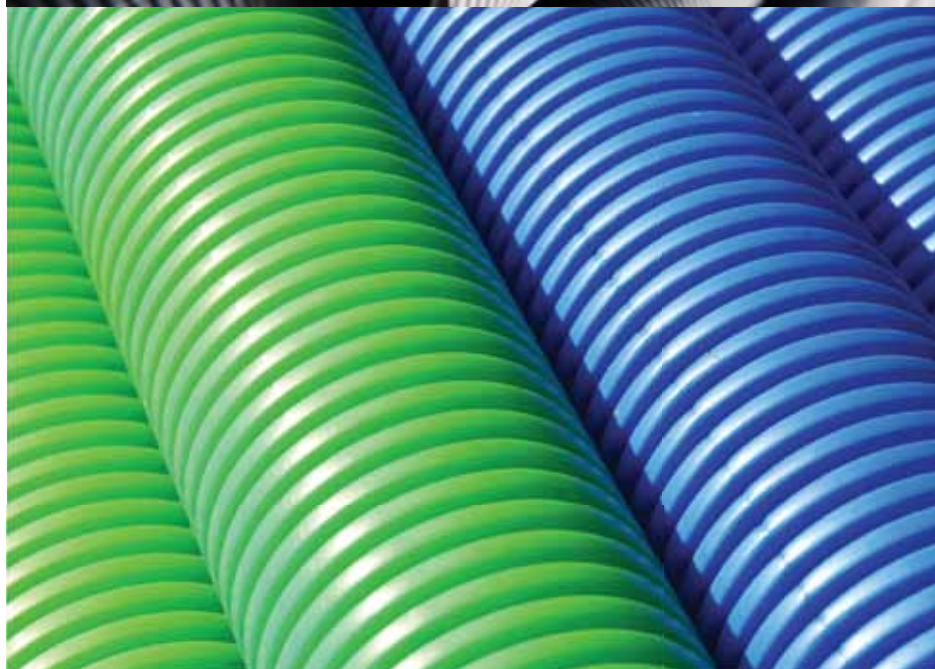
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<b>Processing Aid Masterbatches</b>			
<b>PA 00833 LD</b>	0.5 - 4.0%	Processing aid	
Eliminates melt fracture of LLDPE and mLLDPE. Reduces die built up and extruder pressure.			
<b>PA 00852 LD</b>	1.0 - 5.0%	Processing aid for pipes	
Reduces die build up and extruder pressure. Improves gloss when used in pipes. Ideal for processing at higher temperatures.			
<b>PA 00852 PP</b>	1.0 - 5.0%	Processing aid for PP sheets	
Reduces die build up and extruder pressure. Ideal for processing at higher temperatures.			

<b>UV Light Absorber Masterbatches</b>			
<b>UVA 01001 LD</b>	1.5 - 6.0%	Organic UV absorber	
Protection of light sensitive goods, synergist for light stabilizer, mainly for a UV-B barrier.			
<b>UVA 01034 LD</b>	1.5 - 6.0%	Organic UV absorber	
Protection of light sensitive goods, synergist for light stabilizer, mainly for a barrier in UV-A and UV-B.			
<b>UVA 01001 PP</b>	1.0 - 5.0%	Organic UV absorber	
Protection of light sensitive goods, synergist for light stabilizer, mainly for a UV-B barrier.			
<b>UVA 01034 PP</b>	1.5 - 6.0%	Organic UV absorber	
Protection of light sensitive goods, synergist for light stabilizer, mainly for a barrier in UV-A and UV-B.			
<b>UVA 06430 PS</b>	2.0 - 6.0%	UV absorber for HIPS and GPPS sheets	
Protection of light sensitive goods.			

<b>UV Light Stabilizer Masterbatches</b>			
<b>UV 01022 LD</b>	1.0 - 7.0%	HALS UV MB for HDPE and LDPE sheets	
Environmental influences such as chemicals, acid rain etc. can impare the efficiency.			
<b>UV 01255 LD</b>	1.5 - 8.0%	Synergistic combination of HALS and inorganic additive for HDPE and LDPE sheets	
Environmental influences such as chemicals, acid rain etc. can impare the efficiency.			
<b>UV 01022 PP</b>	1.0 - 7.0%	HALS UV MB for PP sheets	
Environmental influences such as chemicals, acid rain etc. can impare the efficiency.			
<b>UV 01271 PP</b>	1.0 - 5.0%	Synergistic combination of HALS and inorganic additive for PP sheets	
Environmental influences such as chemicals, acid rain etc. can impare the efficiency.			

Code	LDR %	Description	Notes
<b>Blowing Agents</b>			
<b>FM 09570 LD</b>	1.0 - 8.0	Endothermic blowing agent	
Used in order to eliminate sink marks, voids and to reduce density.			
<b>FM 0D410 LD</b>	0.5 - 2.0	Highly concentrated exothermic blowing agent	
Used in order to eliminate sink marks, voids and to reduce density. For thick articles.			
<b>FM 0H000 EVA FOAM</b>	1.0-3.0	Balanced mixture of exothermic and endothermic blowing agents	
Used in order to eliminate sink marks, voids and to reduce density. For thick articles. For PE, PP, PVC, HIPS.			



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<b>Flame Retardants</b>			
<b>Sheets &amp; Profiles</b>			
<b>FR 0D200 LL</b>	3.0 - 15.0%	Brominated flame retardant with synergist for injection molded or extruded PP items	
Provides flame retardancy according to LPS 1207, FMVSS 302, UL-94, DIN 4102 B1 and B2 resp. EN 13501-1 Euroclass E.			
<b>FR 0I980 PP</b>	3.0 - 15.0%	Halogen Free flame retardant MB	
Suitable for PPH and PPC items. Halogen free according to German Electrotechnical Industry Standard DIN 57472. Provides flame retardancy according to EN 50086, UL-94, DIN 4102 B2, EN 13501-1 Euroclass E. Conform with RoHS and VDA 232-101.			
<b>FR 0M09B ABS</b>	25.0%	Brominated flame retardant with synergist for ABS & HIPS sheets	
Provides flame retardancy according to UL 94 V0 and 5V, awards matt surface to the sheets.			
<b>FR 0K750 ABS</b>	25.0%	Brominated flame retardant with synergist for ABS & HIPS sheets	
Provides flame retardancy according to UL 94 V0 and 5V, awards glossy surface to the sheets.			

<b>Pipes</b>			
<b>FR 07111 LD</b>	3.0 - 18.0%	Chlorinated flame retardant with synergist for PP pipes	
Provides flame retardancy according to EN 50086, UL-94, DIN 4102 B1 and B2 resp. EN 13501-1 Euroclass E. Conforms with RoHS and VDA 232-101.			
<b>FR 93480 LD</b>	2.5 - 4.0%	Brominated flame retardant	
Provides flame retardancy according to EN 50086, UL-94, DIN 4102 B1 and B2 resp. EN 13501-1 Euroclass E. Conforms with RoHS and VDA 232-101. Gray color RAL 7037 and available in several colors e.g. blue, black, etc.			
<b>FR 0J270 LL</b>	6.0 - 8.0%	Brominated flame retardant with synergist	
Low Halogen natural version, for corrugated PP pipes.			
<b>FR 99950 LL</b>	6.0 - 8.0%	Gray brominated flame retardant with synergist	
Low Halogen; gray color RAL 7037, for corrugated PP pipes.			
<b>FR 0I980 PP</b>	3.0 - 5.0%	Halogen Free flame retardant MB. Suitable for PPH and PPC items.	
Halogen free according to German Electrotechnical Industry Standard DIN 57472. Provides flame retardancy according to EN 50086, UL-94, DIN 4102 B2, EN 13501-1 Euroclass E. Conforms with RoHS and VDA 232-101.			

<b>Purge Compound</b>			
<b>PR 00701 LD</b>	50%	Synergistic combination of additives	
Used to clean extrusion lines and tools.			

Code	LDR %	Description	Notes
<b>Extruded Foams</b>			
<b>FR 07111 LD</b>	3.0 - 18.0 %	Chlorinated flame retardant with synergist for polyolefin films and foams	
Provides flame retardancy according to UL-94, DIN 4102 B1 and B2 resp. EN 13501-1 Euroclass E. Conforms with RoHS and VDA 232-101.			
<b>FR 00091 LD</b>	7.0 - 25.0%	Brominated flame retardant with synergist for chemically foamed XLPE	
Provides flame retardancy according to UL-94, DIN 4102 B1 and B2 resp. EN 13501-1 Euroclass E.			
<b>FR 0J000 LD</b>	7.0 - 25.0%	Brominated flame retardant with synergist for chemically foamed XLPE	
Provides flame retardancy according to UL-94, DIN 4102 B1 and B2 resp. EN 13501-1 Euroclass E. Conforms with RoHS and VDA 232-101. Effective FR specially designed for foamed XLPE sheets.			
<b>FR 0244A PP</b>	2.0 - 15.0%	Brominated flame retardant with synergist for PP foams	
Provides flame retardancy according to FMVSS 302, UL-94, DIN 4102 B1 and B2 resp. EN 13501-1 Euroclass E.			
<b>FR 01682 PS</b>	2.0 - 5.0%	Brominated flame retardant for extruded PS foams (XPS)	
Designed for Euroclass E, DIN 4102 B1, B2 and French standard M1 in foamed PS sheets.			
<b>FR 0K340 PS</b>	1.0 - 3.0%	Brominated flame retardant with synergist for extruded PS foams (XPS)	
Designed for Euroclass E, DIN 4102 B1, B2 and French standard M1 in foamed PS sheets.			

### Colour Masterbatches

Color masterbatches are available on request according to customers' requirements. Combinations with other active ingredients such as 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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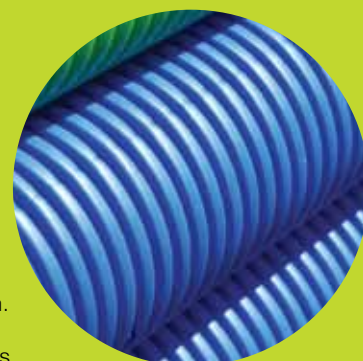
www.silon.ca

## The Group supplies the following Masterbatches & Compounds:

Acid Scavengers  
Antiblock  
Anticorrosion  
Antifog  
Antimicrobial Agents  
Antislip  
Antistatic  
Color Concentrates  
Flame Retardants  
Fillers  
Foaming Agents  
IR Absorbers  
Light Stabilizers  
Lubricants  
Matting Agents  
Metal Deactivators  
Nucleating Agents  
Optical Brighteners  
Processing Aids  
Purge Agents  
Release Agents  
UV Absorbers  
White Masterbatches

### **For applications such as:**

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



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