



BOPP

Giving Life to Plastic

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Code	LDR %	Application	Notes
1. Antiblocking Masterbatches			
1.1 Standard Grades			
AB 06001 PP	0.5 – 2.0	Plain Films	
Synthetic silica, double concentrated			
AB 06019 PP	1.0 – 4.0	Plain Films	
Synthetic silica			
AB 06019 PPR	1.0 – 4.0	Coextruded Films	
Synthetic silica			
1.2 Grades for Metallizable Films			
AB 06058 PPR	2.0 – 5.0	Metallizable Films	
High concentrated inorganic round particles.			
AB 06089 PPR	3.0 – 6.0	Metallizable Films	
Inorganic round particles.			
AB 06095 PPR	1.0 – 3.0	Metallizable Films	
Inorganic round particles (free from Stearates).			
1.3 Specialties			
AB 06059 PP	2.0 – 3.0	Low Haze Plain Films	
Superfine organic antiblocking agent; additional slip effect (low COF) and enhanced printability. For films with skin layer thickness < 1.2 µm.			
AB 06059 PPR	4.0 – 6.0	Coextruded Films	
Superfine organic antiblocking agent; additional slip effect (low COF) and enhanced printability. For films with skin layer thickness < 1.2 µm.			
AB 06060 PPR	4.0 – 6.0	Coextruded Films	
Organic antiblocking agent; additional slip effect (low COF) and enhanced printability.			
AB 06062 PPR*	2.0 – 5.0	Coextruded Films	
Provides significant improvement of slip properties without the negative effects on welding, printing, metallization and lamination. For films with skin layer thickness < 1.2 µm.			
AB 06064 PPR*	2.0 – 5.0	Coextruded Films	
Provides significant improvement of slip properties without the negative effects on welding, printing, metallization and lamination.			
AB 06069 PPR	2.0 – 6.0	Coextruded Films	
High concentrated superfine organic antiblocking agent; additional slip effect (low COF) and enhanced printability. For films with skin layer thickness < 1.2 µm.			
AB 06088 PP	1.5 – 3.0	Low Haze Plain Films	
Superfine inorganic antiblocking agent.			
AB 06090 PPR	3.0 – 5.0	Coextruded Films	
Higher concentrated organic antiblocking agent; additional slip effect (low COF) and enhanced printability.			

* Product and data only under secrecy agreement available.

Code	LDR %	Application	Notes
2. Slip Masterbatches			
2.1 Standard Grades			
SL 05004 PPR	1.0 – 3.0	Coextruded Films	
High purity erucamide for skin layers.			
SL 05035 PP	1.0 – 2.5	General Purpose	
High purity erucamide for the core layer.			
2.2 Hot Slip Grades			
SL 05028 PPR	10.0 – 20.0	High Speed Packaging Films	
Silicone oil based slip agent. For high speed packaging machines (hot slip). Release effect.			
SL 05080 PPR	5.0 – 10.0	High Speed Packaging Films	
Concentrated silicone oil based slip agent. For high speed packaging machines (hot slip). Release effect.			
SL 05095 PPR	2.5 – 5.0	High Speed Packaging Films	
High concentrated silicone oil based slip agent. For high speed packaging machines (hot slip). Release effect.			
SL 05099 PPR	1.5 – 3.5	High Speed Packaging Films	
Very high concentrated silicone oil based slip agent. For high speed packaging machines (hot slip). Release effect.			
2.3 Special Slip Grade			
SL 05077 PPR	5.0 – 10.0	Printable Films	
Non migrating, printable slip agent based on a high molecular weight siloxane.			
3. Slip / Antiblocking Masterbatches			
3.1 Standard Grade			
SAB 06527 PPR	1.0 – 4.0	General Purpose	
Cost efficient combination of synthetic silica and erucamide for skin layers.			
3.2 Hot Slip Grade			
SAB 06532 PPR	7.0 – 12.0	Cigarette Films	
Combination of hot slip and antiblocking agent for cigarette films and high speed packaging.			
3.3 Special Slip Grades			
SAB 06552 PPR	5.0 – 12.0	Cigarette Films	
Non migrating; for cigarette films and high speed packaging (hot slip); also suitable for reverse printing. For skin layers < 1.2 µm.			
SAB 06554 PPR	7.0 – 12.0	Cigarette Films	
Non migrating; for cigarette films and high speed packaging (hot slip); also suitable for reverse printing.			

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4. Antistatic Masterbatches			
4.1 Standard Grade			
AT 04082 PP	1.0 – 4.0	General Purpose	
Combined antistatic agents			
4.2 Special Grades			
AT 04007 PP	2.0 – 5.0	General Purpose	
Fast migrating, free from stearates			
AT 04061 PP	1.0 – 2.5	General Purpose	
Long lasting version			

5. Slip / Antistatic Masterbatches			
5.1 Standard Grades			
SAT 04505 PP	1.0 – 4.0	General Purpose	
Combined standard antistatic and slip agents.			
SAT 04509 PP	1.0 – 4.0	General Purpose	
Combined antistatic and slip agents; especially for improved slip behaviour .			
5.2 Special Grades			
SAT 04504 PP	1.0 – 5.0	Low Haze Films	
Combined high performance antistatic and slip agents for better optical properties after storage of the films .			
SAT 04551 PP	2.0 – 5.0	Low Haze Films	
Special agents for films with stable wetting tension after corona or flame treatment and low blooming.			

6. Antifogging Masterbatches			
AF 00238 PP	1.5 – 2.5	Antifog Film	
Food Approval according to the US-FDA only .			
AF 00240 PP	3.0 – 5.0	Antifog Film	
Food Approval according to the EC Directives only .			

7. Polymer Modifier Masterbatch			
MA 00929 PP	4.0 – 6.0	Metallizable film	
	4.0 – 8.0	Processability	
	10.0 – 20.0	Stiffness	
	10.0 – 20.0	Optical properties	
	16.0 – 25.0	Barrier properties (WVTR, OTR)	
	17.0 – 25.0	Shrinkage (cigarette shrink wrap)	
	25.0 – 40.0	Twist properties	
Hydrocarbon resin, which modifies BOPP films for various applications.			

Code	LDR %	Application	Notes
8. Matt Compounds			
MAT 02440	100	Matt Films	Special Matt Compound; delivers a low sealing temperature of the matt layer.
MAT 02442	100	Metallizable Matt Films	
Special Matt Compound; delivers a low sealing temperature of the matt layer.			

9. White Masterbatches			
9.1 Standard Grades			
CC 18155 PP	15.0 – 25.0	White Films	55 % Finely dispersed titanium dioxide.
CC 18160 PP	14.0 – 23.0	White Films	
CC 18170 PP	12.0 – 20.0	White Films	70 % Finely dispersed titanium dioxide.
9.2 Grades for Metallizable Films			
CC 18156 PP	15.0 – 25.0	Metallizable White Films	55 % Finely dispersed titanium dioxide.
CC 18162 PP	15.0 – 25.0	Metallizable White Films	
60 % Finely dispersed titanium dioxide.			



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Code	LDR %	Application	Notes
10. Pearlized Masterbatches			
FL 08100 PP	8.0 – 15.0	Pearlized Films	
Specially selected calcium carbonate for low film density .			
FL 08101 PP	8.0 – 15.0	Pearlized Films	
Superfine calcium carbonate for good processability and improved gloss .			

11. White / Pearlized Masterbatches (70%)			
11.1 Grades for low density films			
FL 18137 PP	8.0 – 16.0	White Pearlized Films	
Low titanium dioxide content.			
FL 18132 PP	9.0 – 18.0	White Pearlized Films	
Medium titanium dioxide content.			
FL 18144 PP	10.0 – 20.0	White Pearlized Films	
High titanium dioxide content.			
FL 18143 PP	12.0 – 24.0	White Pearlized Films	
Very high titanium dioxide content.			
11.2 Grades for glossy films			
FL 18105 PP	8.0 – 16.0	White Pearlized Films	
Low titanium dioxide content.			
FL 18119 PP	9.0 – 18.0	White Pearlized Films	
Medium titanium dioxide content.			
FL 18103 PP	11.0 – 22.0	White Pearlized Films	
High titanium dioxide content.			
11.3 Special Grade			
FL 18191 PP	11.0 – 22.0	White Pearlized Films	
Cost effective combination of calcium carbonate and special white pigments.			

12. Synthetic Paper Compound			
MA 00960	100	Synthetic Paper	
Combined highly dispersed fillers based on special polymers; applied for the skin layers of synthetic paper films for an improvement of the printability and writing properties.			



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13. Specialties			
13.1 UV Light Absorber Masterbatches			
UVA 01001 PP	1.0 – 5.0	General Purpose	
Organic UV absorber, especially for the absorption in the UV-B range (280 to 315 nm) .			
UVA 01034 PP	1.0 – 6.0	General Purpose	
Organic UV absorber, especially for the absorption in the UV-A range (315 to 380 nm) .			
UVA 01461 PP	5.0 – 10.0	General Purpose	
Ultrafine inorganic UV absorber, effective in the UV-A and UV-B range ; influences the haze of the film noticeable.			
13.2 UV Light Stabilizer Masterbatch			
UV 01271 PP	1.0 – 3.0	General Purpose	
Synergistic combination of oligomeric sterically hindered amine light stabilizer.			
UV 01370 PP	1.0 – 3.0	General Purpose	
High molecular sterically hindered amine light stabilizer.			
13.3 Heat / Processing Stabilizer Masterbatch			
ST 03003 PP	0.5 – 10.0	General Purpose	
Combined primary and secondary antioxidants; rework of trimmings and other film scrap (recycling). Stabilization of the polymer with respect to the shut down of the extrusion process.			
13.4 Processing Aid Masterbatches			
PA 00852 PP	0.5 – 3.0	General Purpose	
High performance processing aid for skin layers of plain films.			
PA 00852 PPR	0.5 – 3.0	General Purpose	
High performance processing aid for skin layers of coextruded films; especially recommended for matt films, low molecular weight hydrocarbon fractions of the applied PP grade, high concentration of fillers and pigments and additives with high volatility.			
13.5 Optical Brightener Masterbatch			
OB 02004 PP	0.02 – 0.06 (pre-mixing with polypropylene required)	General Purpose	
Special optical brightener to eliminate the yellow tinge of the films; delivers a slight bluish shade.			
13.6 Colour Masterbatches			
Colour masterbatches are available on request according to customers' requirements.			

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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Fibers
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Tapes
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