



**Growing success with Kafrit Group
Masterbatches and Compounds**

Agricultural Film



Kafrit Group is a leading producer of Masterbatches and Compounds for the plastics industry and currently employs more than 800 people. In 2024, the Group achieved ~350 million \$ turnover with an available capacity of more than 165,000 MT. Moreover, the company is active on a global scale and has set up production sites all over the world.

All of this began in 1973 when the company was founded in Israel. Since then, the company has grown primarily via acquisition.

Today, the Kafrit Group incorporates **Kafrit Industries (1993) Ltd. in Israel, CONSTAB Polyolefin Additives GmbH and Delta Kunststoffe AG in Germany, China's Suzhou Constab Engineering Plastics Co. LTD, Polyfil Inc. and Badger Color Concentrates Inc. in the USA, the Canada-based Kafrit NA Ltd. and ABSA Resin Technologies Inc., Addvanze AB in Sweden and 51% of Plastics-App in Israel.** With more than 50 years of experience in the plastics processing industry, the company can draw on high levels of expertise and technical know-how. Kafrit Group places a high value on sustainability and has made it to one of the cornerstones of our corporate strategy.

Our unbridled dedication to environmental, social and financial issues makes us to one of the leading business partners in the plastics industry. Our customers value our passion and appreciate our ecological awareness and social commitment. Moreover, they recognize our world leading services and consider our products as among the best within our industry.

We develop and produce cost-efficient solutions which will enhance the completion of high-quality end products in many areas of the plastics industry, such as packaging films (BOPP, BOPE, CPP, PE), PC sheet, agricultural films and derivatives, biopolymers, flame retardant applications, PEX, pipes, fibers and nonwovens.

 KAFRIT IL 1

 CONSTAB GER 2

 CONSTAB CN 3

 KAFRIT NA 4

 POLYFIL USA 5

 ADDVANZE SWE 6

 DELTA KUNSTSTOFFE GER 7

 ABSA RESINS CAN 8

 BADGER COLOR USA 9

 PLASTICS-APP 10



Unite talent and technology to drive the future of plastics, together.

This purpose is the driving force of our organization. The reason we do what we do, why we come to work every day. And although our group is made of many different Companies around the world, our purpose unites us.

These three pillars support our purpose

TOGETHER TO THE FUTURE

The world doesn't stand still, and nor do we. We're always looking ahead, searching for new ways to sustainably grow and thrive. To push our technology and keep working on the next generation of solutions to benefit our customers. Working together in perfect synergy to achieve something great, today and tomorrow.

TALENT

Around the world, we have hundreds of talented colleagues and partners. All with unique skills, multidisciplinary knowledge, and deep industry experience. Innovators with brilliant ideas and the drive to see them through. People striving for excellence in everything they do.

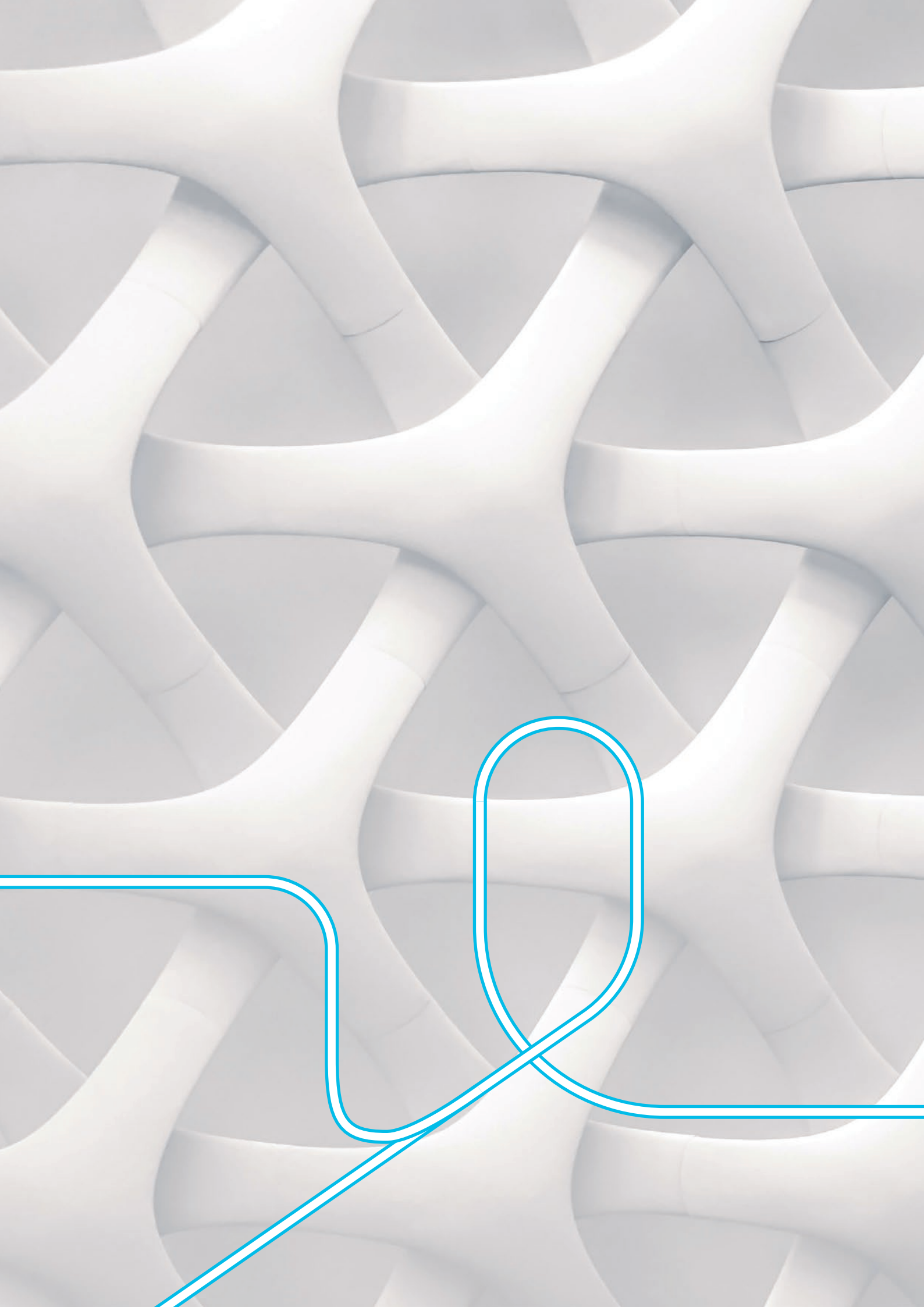
TECHNOLOGY

After decades in the plastics industry, we have more than high levels of expertise, a strong focus on customer service, and vast technical knowledge. We also have a burning passion for innovation and transformation. A passion that drives us to seek out new solutions, new machinery, and fresh ways to give our customers just what they need.

Together we have the power to drive the future of plastics – within our community and around the world. And we'll keep doing it, today, tomorrow and always.

But the real magic happens when we work together. There's a spark, an energy. A belief that anything is possible. And that's how we provide the best solutions for our customers.

And with the latest technology in our hands and new innovations within our grasp, there's only one question. How far can we go?



Defining new production goals

Experience the new high performance products

Research that takes us to the top

Throughout our company history, research and development has always been a key area of our expertise. Kafrit Group employs a staff of more than 800 people who work on innovative products and make use of our vast pool of knowledge developed over 50 years in the plastics industry. Our experts optimize and develop additive concentrates, flame retardants, color concentrates, and compounds for various applications.

Kafrit Group enjoys a close partnership with renowned research institutions such as the Shenkar University in Israel and various universities in Germany. Moreover, we maintain a strong co-operation with well-known suppliers including machine manufacturers who recommend our products for use in combination with their machines.

1. Greenhouse Film

1.1 UV

Code	Function	Description
UVA 0K231 LD	UV and UVA	Provides excellent UV stabilization in chemical free environment.
UV 09220 LD	UV	UV stabilization in chemical free environment, HALS only*
UV 00E82 LD	UV	Improved agrochemicals resistance, "UV open" for color devlopment of fruits and flowers.
UVA 0J810 LD	UV and UVA	HALS and UVA, improved resistance to agrochemicals, up to 1200 ppm sulfur.
UVA 00618 LD	UV and UVA	HALS and UVA, improved resistance to agrochemicals, up to 1500 ppm sulfur.
UVA 00K05 LD	UV and UVA	HALS and UVA, improved resistance to agrochemicals, up to 2000 ppm sulfur.
UV 0K260 LD	UV	Very good resistance to agrochemicals, up to 2000 ppm sulfur. "UV open".
UVA 03650 LD	UVA	UV absorber, blocks UV radiation till 380 nm. Anti Virus effect.
CB 0F140 LD Diffuser and UV	UV, UVA and IR	Ni quencher based, excellent chemical stability. Anti Virus effect, blocks UV radiation up to 380 nm. Contains thermal IR.
UV 0H470 LD	UV	Excellent stability to agrochemicals, UV open.
UVA 07010 LD	UV and UVA	Excellent stability to agrochemicals, up to 3000 ppm sulfur.
UVA 07160 LD	UV and UVA	Superior stability to agrochemicals, long lasting UVA, up to 5000 ppm sulfur.
UVA 0G15B LD	UV and UVA	Excellent stability to agrochemicals, up to 4000 ppm sulfur.
UV 00A90 LD	UVA	Long lasting UV absorber, "bee friendly".
UVA 00A53 LD	UVA	UV absorber, "bee friendly".
UVA 00743 LD	UVA	Long lasting UV absorber.
UVA 00V04 LD	UVA	Persistent UV absorber, boosts UV stabilizer performance.
UVA 00792 LD	UVA	HALS and UVA, excellent resistance to agrochemical, up to 4000 ppm sulfur. "Bee friendly".
UVA 00362 LD	UVA	HALS and UVA, excellent resistance to agrochemical, up to 3000 ppm sulfur. "Bee friendly".
UV 00285 LD	UV	Good chemical resistance, "UV open".
UVA 06820 LD	UVA	"Colorless". Ni quencher-based, excellent stability to agrochemicals.
UVA 00C75A LD	UVA	Ni quencher based, excellent stability to agrochemicals.

1.2 Antifog

Code	Function	Description
AF 0B680 LD	Antifog	Moderate lasting AF MB, suitable for hot climate conditions.
AF 03590 LD	Antifog	Long lasting AF MB, suitable for moderate and hot climate conditions.
AF 00S03 LD	Antifog	Long lasting AF MB, suitable for wide climatic conditions.
AF 0P52A EVA	Antifog	Transparent AF MB specially designed for double roof and solarization films.
AF 00854 LD	Antifog	Long lasting AF MB, suitable for wide climatic conditions. Highly transparent.
AF 00A40 LD	Antimist	PFAS free Antimist MB to minimize the occurrence of fog inside the greenhouse.

1.3 IR MB

Code	Function	Description
IR 0C660 LD	Thermal IR	MID IR Absorber, improves thermal insulation by greenhouse films, prevents heat loss.
IR 0E32C LD	Thermal IR	Highly transparent Thermal IR, improves thermal insulation by greenhouse films, prevents heat loss.
IR 0R40A LD	Thermal IR	Super diffused Thermal IR, very high light diffusion without compromising total light transmission.

1.4 Cooling IR MB

Code	Function	Description
IR 25750 LD	Heat management	Near IR reflecting MB, decreases heat build up inside the greenhouse. Maximum PAR transmittance.
IR 00U05 LD	Heat management	Near IR reflecting MB, minimal effect on light scattering, good PAR transmittance.
IR 04049 LD	Thermal IR	NIR IR absorbing MB, reduces heat buildup inside the greenhouse without compromising light transmission.

* available in more concentrated form. Please contact our sales department for more details.

1.5 Diffuser

Code	Function	Description
DIF 09892 LD	Light Diffuser	Highly concentrated mineral filler MB, provides homogeneous light diffusion.

1.6 Antidust

Code	Function	Description
SAB 03390 LD	Antidust	Reduces dust stickness to the film surface.

1.7 Color

Code	Function	Description
CC 60440 LD BLUE	Blue Color	Photo Selective Blue, prevents botrytis sporulation.

2. Agrinet

2.1 UV MB

Code	Function	Description
UVA 0C890 LL	UV and UVA	UV MB for monofilament and slit tape nets. Excellent UV stability. Suitable for coated woven PE fabrics.
UV 0J670 LD	UV	UV MB for monofilament and slit tape nets. Excellent UV stability.
UVA 00R45 LD	UV and UVA	UV MB for coated woven PE fabrics. Good chemical resistance.
UV 00E93 LL	UV	UV stabilization of PE and PP films, tapes, and nets, combines excellent light and long-term thermal stability.

2.2 UV

Code	Function	Description
UVA 0590A LD	UV and UVA	HALS and UVA, long lasting UV absorption effect. Anti Virus effect.

2.3 Color

Code	Function	Description
CC 5A882 UNI RED	Photo Selective	Photo Selective Red for monofilament and slit tapes nets. Influences plant morphology by manipulation with Red/Far Red ratio of the spectrum.
CC 11250 LL	White	White MB with very good weatherability

What matters most to us is providing excellent service and using our vast worldwide experience and technology to face the challenges of our demanding market.

3. Mulch Films

3.1 Color

Code	Function	Description
CC 12720 LD	White	White MB for mulch films. Excellent light reflection, reduces soil temperature.
CC 11250 LL	White	White MB for mulch films. Good light reflection, reduces soil temperature.
CC 86600 LD	Photo selective	Photo Selective Brown, suppresses weeds growth, increases soil temperature.
CC 75400 LL	Photo selective	Photo Selective Green, suppresses weeds growth, increases soil temperature.
CC 30083 LL YELLOW	Yellow	Yellow MB for mulch films, insect repellent.
CC 20117 LL	Silver	Reflective silver, insects repellent, reduces soil temperature.
CC 2138A LL	Silver	Reflective silver, insects repellent, reduces soil temperature.

3.2 UV

Code	Function	Description
UV 00U24 LD	UV	UV for mulch films, colored and transparent, good resistance to agrochemicals.
UV 00880 LL	UV	UV for black mulch films and geomembranes.
UV 0H470 LD	UV	Excellent stability to agrochemicals.

4. Silage Wrap Film

4.1 Color and UV

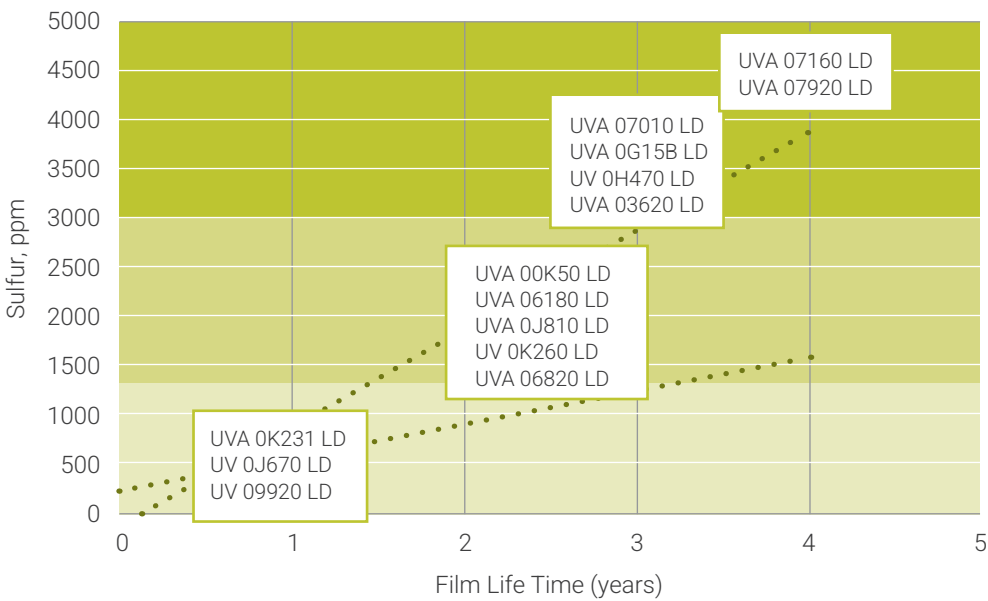
Code	Function	Description
CB 15800 LD	White and UV	Combined white and UV MB.
CB 70J14 LL	Green and UV	Combined light green color and UV MB.
CB 7G000 LD	Green and UV	Combined light green color and UV MB.
CB 70H06 LL	Green and UV	Combined dark green color and UV MB.
CB 50726 LD	Pink and UV	Combined dark pink color and UV MB, for breast cancer awareness campaign.
CB 60179 LD	Blue and UV	Combined blue color and UV MB, for cancer awareness campaign.

5. Banana bags

5.1 “Banana Blue” Color

Code	Function	Description
CB 61880 LL Blue	Blue Color and UV	For protective banana bags, improves fruits weight and quality.

UV and UVA Masterbatches



The Kafrit Agrifilm technical team is constantly developing new products to meet the ever-changing challenges of the industry.



6. Miscellaneous

6.1 AntiBlock

Code	Function	Description
AB 0K630 LD	AB	Highly concentrated AB MB, prevents film blockage on rolls.
AB 08020 LD	AB	AB MB, prevents film blockage on rolls, easy unwinding.

6.2 Slip AntiBlock

Code	Function	Description
SAB 0656A EVA	Slip and AB	Slip and AB MB for PE/EVA films with high EVA content, prevents film blockage on rolls, easy unwinding.

6.3 Processing Aid

Code	Function	Description
PA 07720 LL	PA	Used to avoid melt fracture and die build up during extrusion of mLL and LL PE based films.
PA 0H670 LL	PA	Processing Aid MB for cast films and high temperatures.
PA 00893 LD	PA	PFAS-FREE PA MB for blown film productions, high thermal stability.
PA 00892 LD	PA	PFAS-FREE PA MB for blown film productions.
PA 00550 LL	PA	PFAS-FREE PA MB for blown film productions, "shark skin" and die build-up elimination.

6.4 Antioxidant

Code	Function	Description
ST 04400 LL	Antioxidant	Antioxidant MB, process stabilizer, long term thermal stability, improves OIT of geomembranes.



Please request for further information:



BOPP
Optimizing BOPP film production
with CONSTAB GER® Masterbatches and Compounds



BOPE
Sustainable solutions for flexible packaging films
with CONSTAB GER® CON-X® Masterbatches



Functionalities: Ecocell® – Lighten up!
A revolutionary foaming agent
to reduce material and resin consumption



Functionalities: Kafrit Group Antioxidants
Reliable protection for your plastic products



Flame Retardants
Enlightening solutions with Kafrit Group Masterbatches
and Compounds



**Polyethylene Packaging, Polypropylene Cast
and Calender Films**



Rolling to success with Kafrit Group
Masterbatches and Compounds



Polycarbonate and PMMA Sheets
for a transparent view with Kafrit Masterbatches
and Compounds



Pipes and Sheets
Customized solutions with Kafrit Group
Masterbatches and Compounds



Injection Molding, Blow Molding
Injecting new ideas into your products with
Kafrit Group Masterbatches and Compounds



Nonwovens
Adding value to Fibers and Nonwovens
with Kafrit Group Masterbatches



Agricultural Film
Growing success with Kafrit Group
Masterbatches and Compounds



Global supply, local partnership:
We are where you are.



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