

**Adding value to Fibers and Nonwovens
with Kafrit Group Masterbatches**

Nonwovens



Working together for the future of plastics.










Kafrit Group is a leading producer of Masterbatches and Compounds for the plastics industry and currently employs more than 470 people. In 2021, the Group achieved USD 302 million \$ turnover with an available capacity of more than 120,000 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. in the USA, the Canada-based Kafrit NA Ltd. and Addvanze AB in Sweden.** 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



● Kafrit Group production sites ● Agencies/Distribution

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

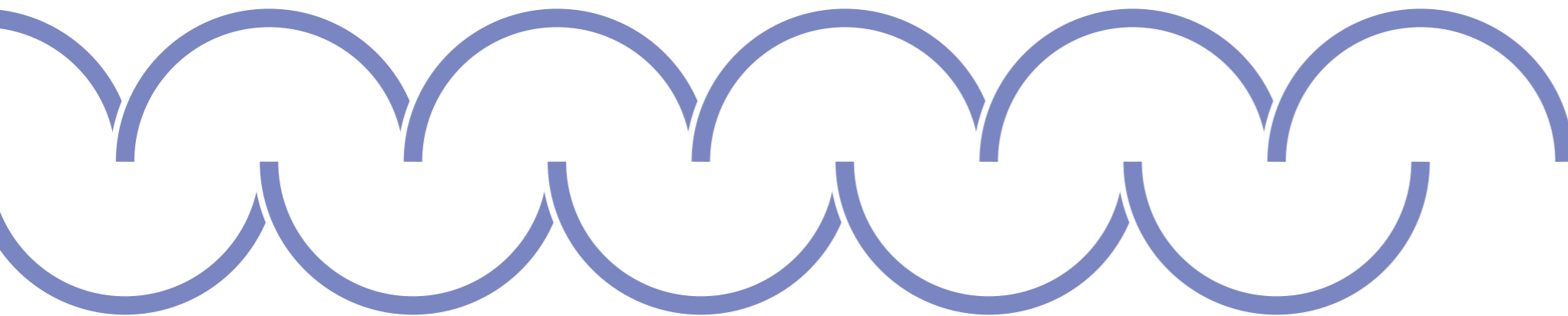
Throughout our company history, research and development have always been a key area of our expertise. Kafrit employs a staff of more than 470 people that work on innovative products and make use of our vast pool of knowledge that we developed in 50 years of experience in the plastics industry. Our experts optimize and develop additive concentrates, flame retardants, color concentrates, and compounds for various applications.

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

The manufacturing of nonwovens belongs to the most demanding category in polymer processing.

Inconsistencies in process conditions and even more in raw material quality have a dramatic impact on product quality and production efficiency.

For this reason Kafrit Group high quality masterbatches are the key for your successful nonwovens business.



“We value the reliability and the relationship with Kafrit Group, their competence and technical support as well as the high quality of products – also swift delivery times.”

1. UV Stabilizer

Code	Description	Dosing %
UV 01022 PP	Good light and thermal stability; low volatility.	1.0 – 5.0
UV 01370 PP	Superior light and thermal stability; high extraction resistance; low volatility; good process performance; high melt flow stability.	1.0 – 5.0

2. Thermal Stabilizer

Code	Description	Dosing %
ST 03022 PP	Synergistic combination of antioxidants; enhanced thermal stability during processing and longterm use; good gas fading resistance.	1.0 – 3.0

3. Softening Agent

Code	Description	Dosing %
NEW! CONSFT 5124	Softening Masterbatch on MFR 35 spunbond grade PP for improved processability; containing high purity Erucamide for soft surface touch; less spinning fumes; less odor.	0.5 – 0.2

4. Processing Aid

Code	Description	Dosing %
PA 00852 PP	High temperature resistant Polymer Processing Aid; improved melt flow; less desposites in meltsystem and die capilaries; improved gloss.	0.5 – 3.0

5. Flame Retardant

Code	Description	Dosing %
FR 0K580 LL	Highly efficient halogen free Flame Retardant based on PE.	3.0 – 7.0
HFFR 00242A PP	Highly efficient halogen free Flame Retardant based on PP.	4.0 – 8.0
FR 0H120 PP	Brominated FR + Synergist on PP	3.0 – 20.0

6. White

Code	Description	Dosing %
CC 18162 PP	Proven White Masterbatch for fiber applications.	1.0 – 6.0

7. Foaming Agent

Code	Description	Dosing %
NEW! Ecocell® P	Foaming agent creating micro cells for weight reduction in fibers and nonwovens.	1.0 – 2.5

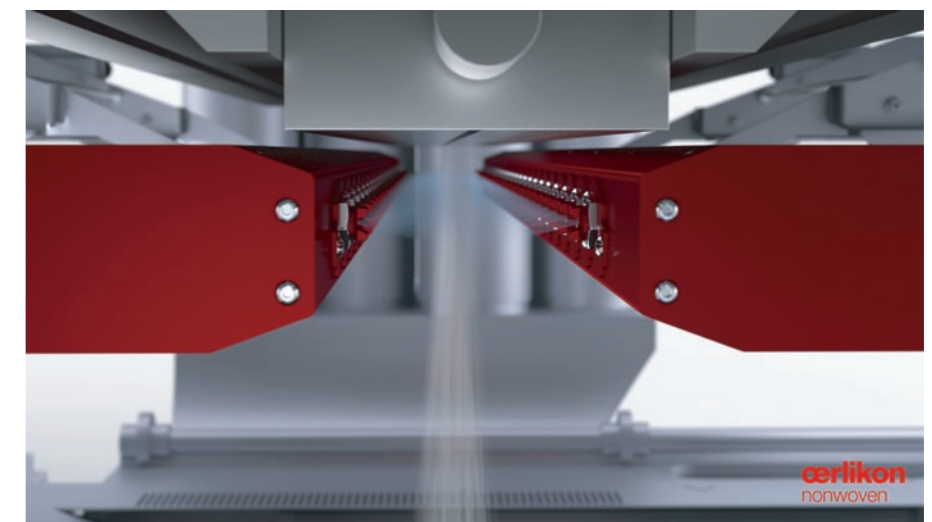
8. Electret Masterbatch

Suitable for the raw material you are using.

For optimized process and product performance!

We know too well how sensitive the meltblown process reacts to raw material inconsistencies. Therefore, we are now offering our CONCHARGE-products on the same carrier that you are using in your process.


	CONCHARGE for Corona Charging	CONCHARGE for Tribo Charging and Hydro Charging	CONCHARGE for Tribo Charging and Hydro Charging High Performance
Spunbond MFI 37	CONCHARGE 973	CONCHARGE 1587	CONCHARGE 1595
Meltblown MFI 800	CONCHARGE 970	CONCHARGE 1585	CONCHARGE 1591
Meltblown MFI 1200	CONCHARGE 976	CONCHARGE 1589	CONCHARGE 1593





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oerlikon
nonwovens


Please request for further information:

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


 **BOPE**
Sustainable solutions for flexible packaging films
with CONSTAB® 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


 **Functionalities: Conpeel**
Strong protection, easy peeling
with CONSTAB CONPEEL® Compounds


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


 Rolling to success with Kafrit Group
Masterbatches and Compounds

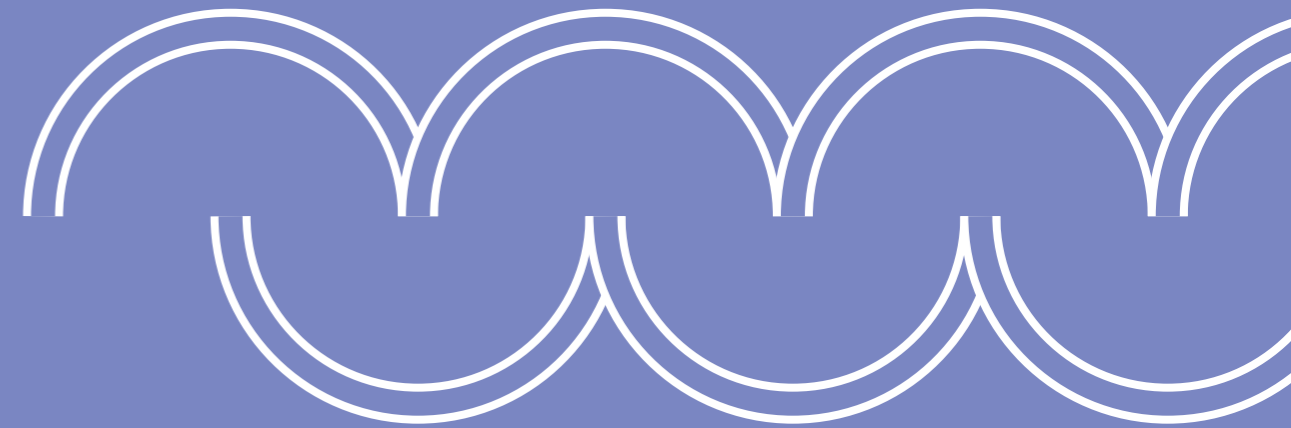
 **Polycarbonate and PMMA Sheets**
for a transparent view with Kafrit Masterbatches
and Compounds

 **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.

 **KAFRIT IL**

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