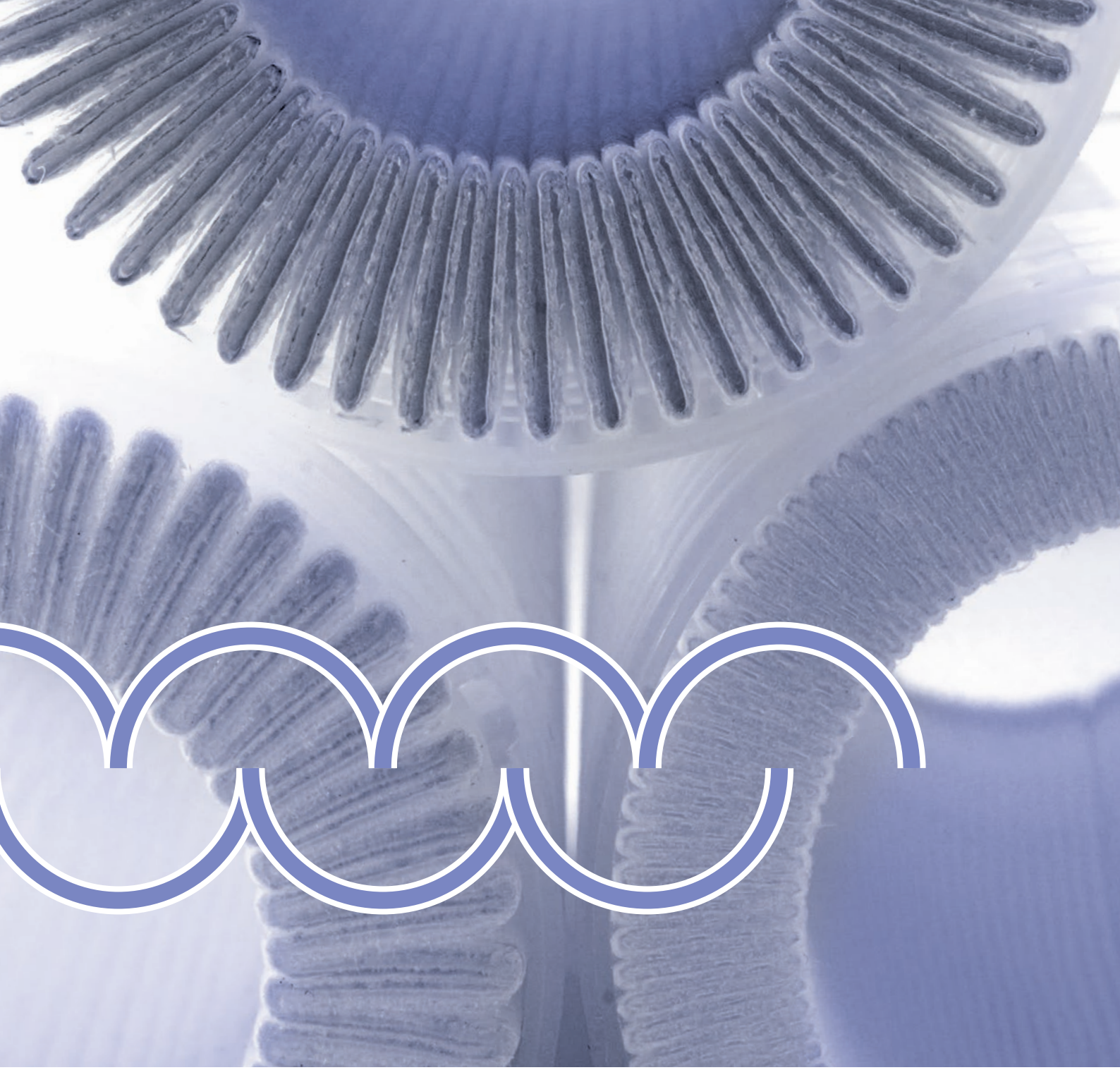


Adding value to Fibers and Nonwovens with Kafrit Group Masterbatches

Nonwovens

CONSTAB GER

Working together for the future of plastics.

Kafrit Group

Kafrit Group is a leading producer of Masterbatches and Compounds for the plastics industry and currently employs more than 1,000 people. In 2025, we achieved approx. 400 million USD turnover with an available capacity of more than 175,000 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 is a global network of leading plastics additive, color masterbatch and compound manufacturers, operating production and development sites in Israel, Germany, China, the USA, Canada, Sweden and India.

Its companies include **Kafrit Industries (1993) Ltd. in Israel, CONSTAB Polyolefin Additives GmbH, Delta Kunststoffe AG and Finke Colors GmbH 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, CONSTAB Polyolefin Additives India Pvt. Ltd. and 51 % of Plastics App Ltd.in Israel.**

With more than 50 years of experience in the plastics processing industry, we can draw on high levels of expertise and technical know-how. Kafrit Group follows a publicly available sustainability agenda and has made it to one of the cornerstones of our corporate strategy.

Our unbridled dedication to quality and technology makes us to one of the leading business partners in the plastics industry. Our customers value our passion and appreciate our 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
- KAFRIT NA 2
- POLYFIL USA 3
- CONSTAB GER 4
- CONSTAB CN 5
- ADDVANZE SWE 6
- DELTA KUNSTSTOFFE GER 7
- ABSA RESINS CAN 8
- BADGER COLOR USA 9
- CONSTAB IND 10
- Finke 11
- PLASTICS-APP 12

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 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?

Experience the new high performance products

Research that takes us to the top

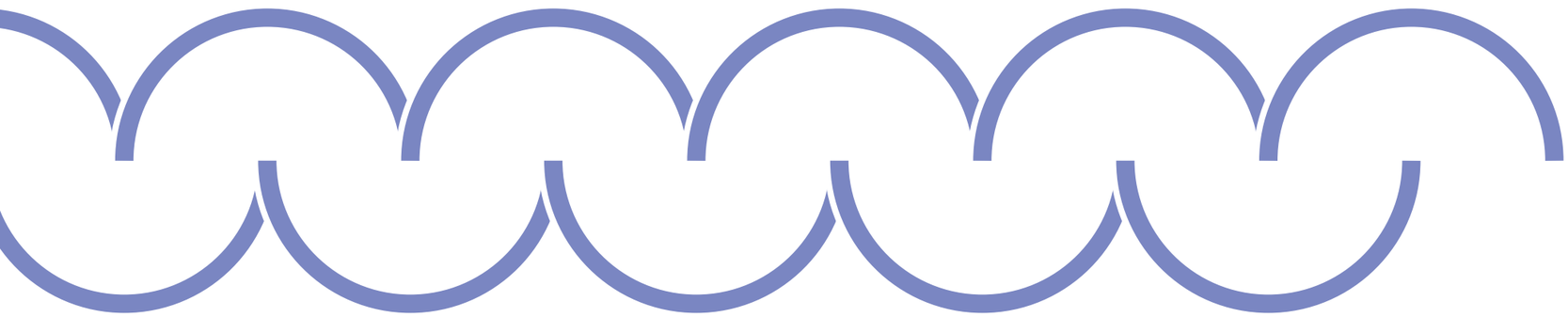
Throughout our company history, research and development has always been a key area of our expertise. Kafrit Group employs a staff of more than 1,000 people who work on innovative products and make use of our vast pool of knowledge developed over 50 years in the plastics industry. Our experts optimize 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.

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 %
CONSOFT 5124	A cost-effective standard softening agent for nonwoven, spun-bond fabrics.	1.0 – 3.0
CONSOFT 5128	Optimized for fewer emissions and higher stability during spinning process.	1.0 – 3.0
CONSOFT 5129	Balance of soft-touch effect and fewer fumes during production.	1.0 – 3.0

4. 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

5. White

Code	Description	Dosing %
CC 18170 PP	White Masterbatch	1.0 – 20.0

6. Foaming Agent

Code	Description	Dosing %
Ecocell® P	Endothermic foaming agent creating micro cells in fibers and nonwoven fabrics; weight reduction and positive spinning effects are possible.	1.0 – 2.5

7. Electret Masterbatch

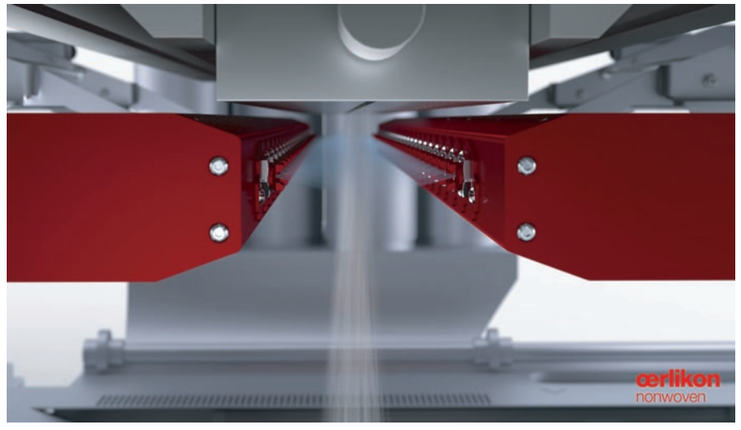
Suitable for the raw material you are using.
For optimized process and product performance!
We know too well how sensitive the meltblown process reacts to raw material inconsistencies. Therefore, we are now offering our CONCHARGE-products on the same carrier that you are using in your process.

	CONCHARGE for Corona Charging	**CONCHARGE** for Tribo Charging and Hydro-Charging
Spunbond MFI 37	**CONCHARGE 973**	**CONCHARGE 1587**
Meltblown MFI 800	**CONCHARGE 970**	**CONCHARGE 1585**

7. UV-light crosslinking

Code	Description	Dosing %
XL 00447 LD	Crosslinking of PE-based non-woven for improved mechanical strength and heat stability.	1.0 – 3.0
XL 0I163 LL	Crosslinking-promoter of PE-based non-woven for improved mechanical strength and heat stability.	1.0 – 3.0

This image has been kindly provided by Oerlikon Textile GmbH & Co. KG, Leverkuser Strasse 65, D-42897 Remscheid www.oerlikon.com



Kafrit Group

Please request for further information:

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

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

Functionalities: Ecocell® – Lighten up!
An innovative 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

Agricultural Film
Growing success with Kafrit Group
Masterbatches and Compounds

Color and additive masterbatches and conductive compounds made to measure
Customized solutions for your success

New approach to reclosable packaging
Extrudable reclosable adhesive

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

KAFRIT IL

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PLASTICS-APP
If you can imagine it, we can compound it.

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