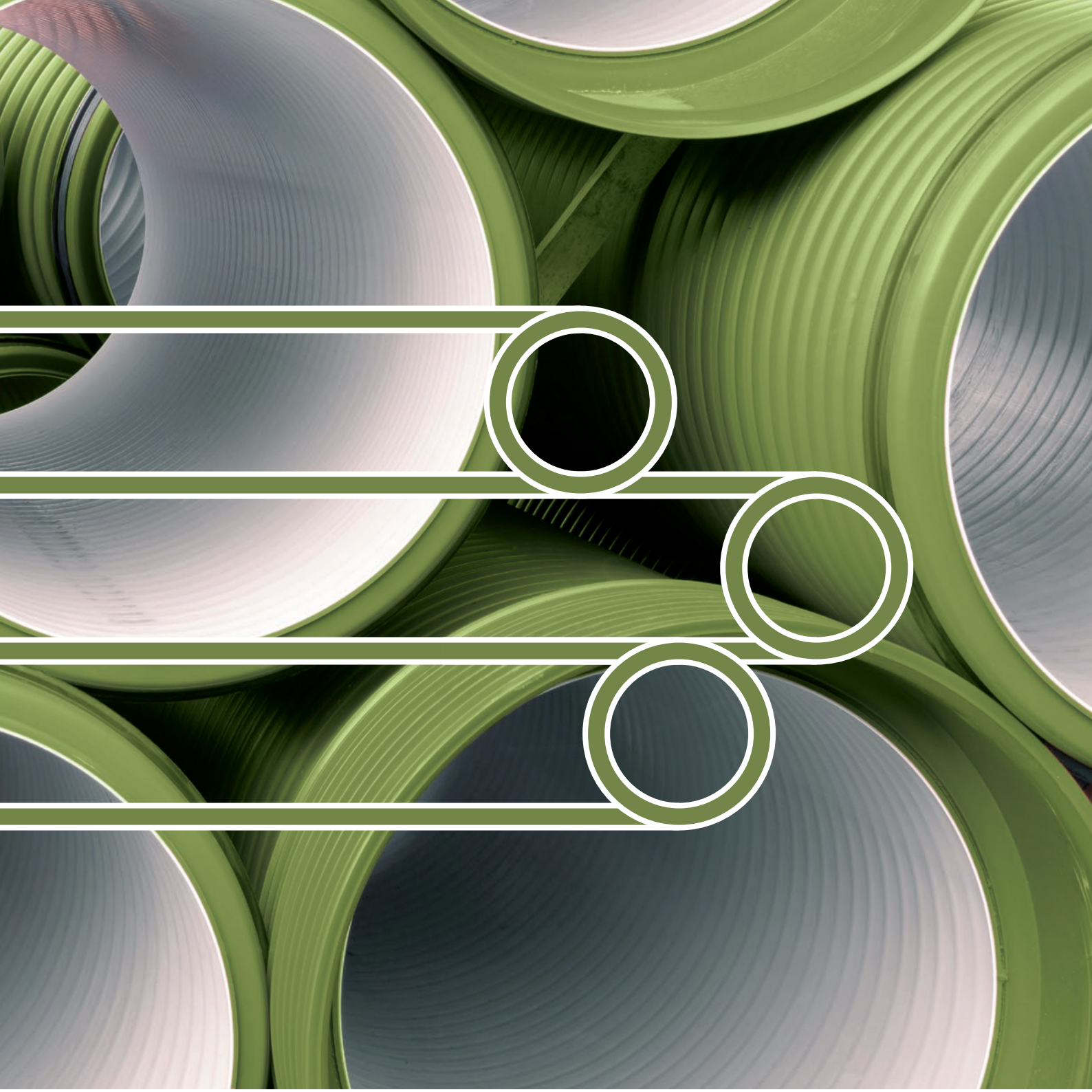


Customize solutions with
Kafrit Group Masterbatches and Compounds

Masterbatches for Pipes and Sheets

Kafrit Group

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.

1. Flame Retardants

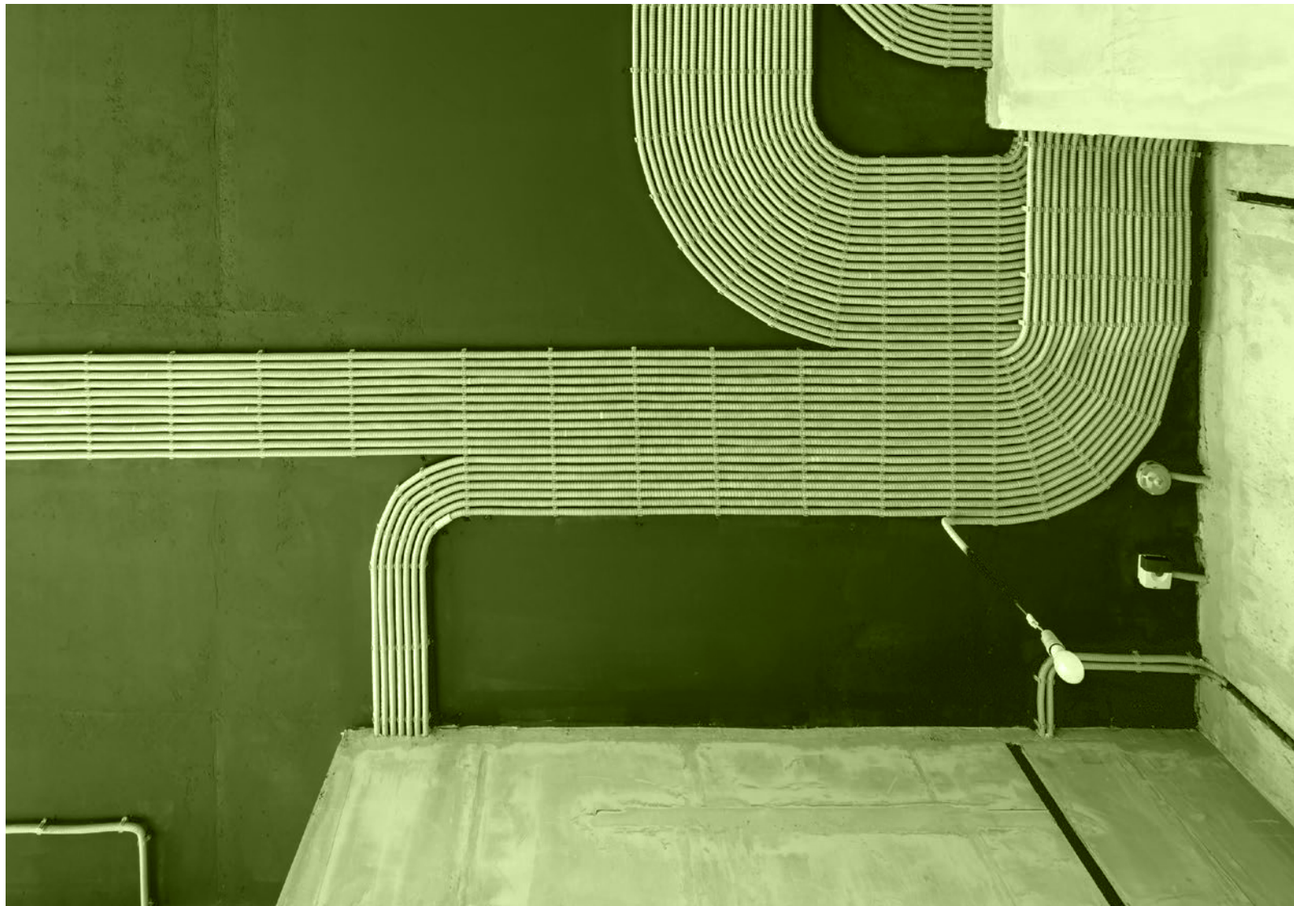
Code	Application	Description	Dosing %
FR 0B041 LD	Films, foams	Chlorinated FR masterbatch. LPS 1207, FMVSS 302, UL94, DIN 4102 B1, B2, EN 13501-1.	4.0 – 10.0
FR 07167 LD	Pipes, sheets, foams	Chlorinated flame retardant masterbatch. Provides flame retardancy according FMVSS 302, UL-94, DIN 4102-1, EN 13501-1.	3.0 – 20.0
FR 00R58A PS	Foams	Polymeric brominated FR masterbatch. DIN 4102 B1, B2. Suitable for flame retarding foamed PS (XPS). Based on Polymeric FR, which does not bloom. HBCD free.	2.0 – 7.0
FR 00284 PS	Foams	Monomeric brominated flame retardant plus synergist plus nucleation masterbatch. DIN 4102 B1, B2, EN 13501 E. Suitable for flame retarding foamed PS (XPS).	2.0 – 5.0
FR 07180 LD	Pipes, Sheets, Foams	Brominated flame retardant masterbatch. Provides flame retardancy according FMVSS 302, UL94, DIN 4102-1, EN 13501-1.	3.0 – 20.0
FR 0D200 LL	Sheets, profiles, films, pipes	Brominated FR masterbatch. LPS 1207, FMVSS 302, UL94, DIN 4102 B1, B2, EN 13501-1, EN 61386-1, available in many different colors.	3.0 – 10.0
FR 00T64 LD	Sheets, profiles, pipes	Brominated FR masterbatch. LPS 1207, FMVSS 302, UL94, DIN 4102 B1, B2, EN 13501-1.	4.0 – 40.0
FR 00S83 LL	Sheets, profiles, pipes, woven	Brominated FR masterbatch. LPS 1207, FMVSS 302, UL94, DIN 4102 B1, B2, EN 13501-1.	5.0 – 25.0
HFFR 00228 PP	Sheets, profiles, pipes	Halogen-free FR masterbatch. LPS 1207, UL94, EN 61386-1, low smoke standards, low HRR.	2.5 – 7.0
HFFR 00963 PP	Sheets, profiles, pipes	Halogen-free FR masterbatch UL94 V0, suitable for injection molding and extrusion (PP).	20.0 – 40.0
HFFR 00557 LD	Sheets, profiles, pipes	Halogen-free FR masterbatch UL94 V0, suitable for injection molding and extrusion (PE/PP).	20.0 – 40.0
FR 05080 LD	Sheets, profiles, pipes	90 % Antimony Trioxide MB on LDPE carrier.	2.0 – 10.0
FR 01120 UNI	Sheets, profiles, pipes	80 % Antimony Trioxide MB on EMA carrier,suitable for PA, PBT PS, ABS, LDPE, LLDPE, PP, HDPE and PVC.	4.0 – 10.0
FR 0M09B ABS	Sheets	Brominated FR masterbatch. UL94 V0.	18.0 – 30.0
FR 00676 ACR	Sheets	Brominated FR semi Compound , supply UL 94 V2 performance for PMMA Sheet Extrusion with great Transparency.	48.0 – 52.0
HFFR 00921 ABS	Sheets	Halogen-free FR compound UL94 V0 (PC/ABS compound), possible color match.	100.0
ZHFR 07175 LD	Pipes, sheets, foams	Zero halogen flame retardant masterbatch Provides flame retardancy according FMVSS 302, UL94, DIN 4102-1, EN 13501-1.	2.0 – 12.0
ZHFR 07179 UNI	Pipes, sheets, foams	Zero halogen flame retardant masterbatch Provides flame retardany according NF P 92-503 including NF P 92-504, NF P 92-505 for classification M1 to M4.	10.0 – 18.0

2. UV

Code	Application	Description	Dosing %
UV 01006 LD	Sheets	UV-absorber with HALS.	1.0 – 10.0
UV 01017 PP	Sheets	20 % HALS stabilizer.	1.0 – 5.0
UV 01370 PP	Pipes, sheets	20 % HALS UV-light stabilizer for extreme demands.	1.0 – 5.0

3. Antiblock

Code	Application	Description	Dosing %
AB 06001 PP	Sheets	10 % synthetic silica with 5 µm particle size.	1.0 – 2.0
AB 08020 LD	Sheets	Standard natural silica.	1.0 – 2.0



4. Antistatic

Code	Application	Description	Dosing %
AT 04139 PP	Pipes, sheets	Amine-free for short- and long-term antistatic effect.	1.0 – 6.0
AT 04673 LD	Pipes, sheets	Amine-free for short- and long-term antistatic effect. Effective at low humidity level.	1.0 – 6.0
AT 04017 LD	Foams, sheets	For short-term antistatic effect. For cell stabilization in foams.	1.0 – 2.0

5. Matt

Code	Application	Description	Dosing %
MAT 02450	Sheets	Thermal stable matte compound with higher MFR.	100.0
MAT 02490	Sheets	Low sealing matte compound with higher MFR.	100.0
MAT 02440	Sheets	Low sealing matte compound with lower MFR.	100.0

6. Peel

Code	Application	Description	Dosing %
CONPEEL 308 PP	Sheets	For printed and colored sheets; peel force 8 – 10 N/15 mm.	100.0
CONPEEL 370 PP	Sheets	For transparent, printed and colored sheets; peel force 4 – 8 N/15 mm.	100.0

7. Antioxidants

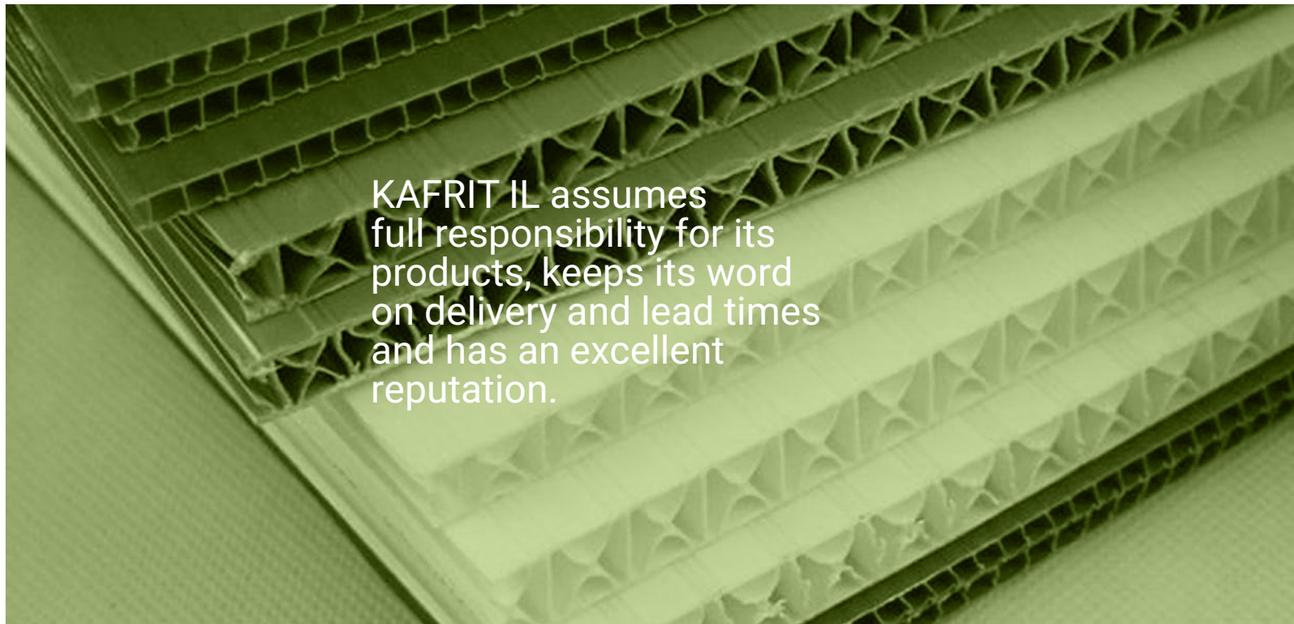
Code	Application	Description	Dosing %
ST 03003 PP	Pipes, sheets	For processing and long-term heat stabilization, in particular water pipes, machine shut-down, rework.	0.5 – 10.0
ST 03040 LD	Pipes, sheets	For processing and long-term heat stabilization, machine shut-down, rework.	1.0 – 3.0
ST 03001 LD	Pipes	For long-term heat stabilization.	1.0 – 3.0

8. White

Code	Application	Description	Dosing %
CC 18160 PP	Pipes, sheets, foams	60 % Titanium dioxide.	2.0 – 25.0
CC 12720 LD	Pipes, sheets, foams	70 % Titanium dioxide.	1.0 – 20.0

9. Processing Aid

Code	Application	Description	Dosing %
PA 00833 LD	Pipes, sheets	Reduces die build-up and extruder pressure; improves surface quality.	0.5 – 4.0



10. Polymer Modification

Code	Application	Description	Dosing %
CON-Batch 30X	Sheets	For thermoforming sheets. Allows downgauging of up to 30 % of total thickness while retaining its mechanical integrity; improves mechanical, opticals and barrier properties; improves carbon footprint.	4.0 – 20.0

11. Nucleating

Code	Application	Description	Dosing %
NC 00602 PP	Sheets	Clarifier for improved optical and mechanical properties.	1.0 – 2.5
NC 00625 LD	Foam	Nucleating agent and cell stabilizer.	2.0 – 6.0

12. Slip

Code	Application	Description	Dosing %
CONSLIP 205 HD	Pipes	Permanent slip agent, in particular for inner layers of cable ducts.	0.5 – 10.0
SL 05004 LD	Foam	5 % Erucamide.	0.5 – 2.0

13. Purge

Code	Application	Description	Dosing %
PR 00701 LD	Pipes, sheets, foams	Purge compound.	50.0 – 100.0

14. Desiccant

Code	Application	Description	Dosing %
DS 0C64A LD	Pipes, sheets	Prevents moisture bubbles.	1.0 – 6.0

15. UV Absorber

Code	Application	Description	Dosing %
UVA 01034 PP	Sheets	Organic UV absorber for transparent films; protection of light-sensitive goods.	1.0 – 5.0
UVA 01490 LD	Sheets	Non-migrating inorganic UV absorber; protection of light-sensitive goods.	2.0 – 5.0

16. Blowing Agents

Code	Application	Description	Dosing %
Ecocell® L	Foam	Micro cellular patented endothermic solution.	1.5 – 2.5
Ecocell® P	Foam	General purpose for PE, PP, PS.	1.5 – 2.5
Ecocell® H1	Foam	High active for PE, PP, PS.	1.5 – 2.5
Ecocell® CS	Foam	For sheets, pipes, profiles.	1.5 – 2.5

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

KAFRIT IL

Kafrit Industries (1993) Ltd.
Kibbutz Kfar-Aza
M.P. Negev, 8514200, Israel
Tel: +972 8 6809845 | Fax: +972 8 6809846
kafrit@kafrit.co.il | www.kafrit.com

CONSTAB GER

CONSTAB Polyolefin Additives GmbH
Industriestrasse Möhnetal 16
59602 Rüthen, Germany
Tel: +49 2952 8190 | Fax: +49 2952 3140
info@constab.com | www.constab.com

CONSTAB CN

Suzhou Constab Engineering Plastics Co., Ltd.
No. 999 Pangjin Road, Wujiang District
Suzhou City 215200, Jiangsu Province, P.R.C.
Tel: +86 512 63 33 16 54 | Fax: +86 512 63 33 69 87
info@constab.cn | www.constab.cn

KAFRIT NA

Kafrit NA Ltd.
5411-275th Street, Langley
British Columbia, Canada, V4W 3X8
Tel: +604 607 6730 | Fax: +604 607 6736
management@kafrit.ca | www.kafrit.ca

POLYFIL USA

Polyfil Inc.
74 Green Pond Road, P.O. Box 130
Rockaway, NJ 07866, USA
Tel: 973-627-4070 | Fax: 973-627-7344
info@polyfilinc.com | www.polyfilinc.com

ADDVANZE SWE

Addvanze AB
Makadamgatan 19
254 64 Helsingborg, Sweden
Tel: +46 42 445 33 00
info@addvanze.com | www.addvanze.com

DELTA KUNSTSTOFFE GER

Delta Kunststoffe AG
Industriestrasse 48
47652 Weeze, Germany
Tel: +49 28 37 1051-0 · Fax: +49 28 37 1051-810
info@delta-kunststoffe.de | www.delta-kunststoffe.de

ABSA RESINS CAN

ABSA Resin Technologies Inc.
310 Montrose Street
Cambridge, ON, Canada, N3H 2H8
Tel.: +1 519 653 5575

BADGER COLOR USA

Badger Color Concentrates Inc.
1007 Fox St.
Mukwonago WI 53149, USA
Tel.: +1 262 363 5710
www.badgercolor.com

CONSTAB IND

CONSTAB Polyolefin Additives India Pvt. Ltd.
T-7, STPI,MIDC, Chikalthana, Chhatrapati Sambhajinagar
431001, Maharashtra, India.
Tel.: +91 95035 39418
info@constab-india.com | www.constab-india.com

Finke

Finke Colors GmbH
Hatzfelder Straße 174 – 176
42281 Wuppertal, Germany
Tel.: +49 202 70906-0 · Fax: +49 202 70906-230
www.finke-colors.de

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

Plastics App Ltd.
Kibbutz Megiddo
1923000, Israel
info@plastics-app.com
www. plastics-app.com

Legal Statement: The information and recommendations contained in this brochure are based upon data collected by Kafrit Group and believed to be correct. However, no warranty for fitness for use or any other guarantee of any kind, expressed or implied, is made with respect to the information and recommendations contained herein, and Kafrit Group assumes no responsibility for results of the use of products, processes, information and recommendations described herein. Specific recommendations and applications for specific products should be considered and pre-checked by the user to ensure compatibility with user's equipment and product requirements. **© CONSTAB GER 10.2026**

Printed on FSC®-certified paper – supporting responsible forest management