



PLASTICS

PRODUCT RANGE
Benelux



KRAHN CHEMIE – A STRONG PARTNER

WELCOME TO KRAHN CHEMIE. As an independent chemical distributor and sales partner to leading producers, we know that some things are simply better together. That's why we connect markets with innovations, processors with producers and questions with solutions.

At KRAHN Chemie, you can find everything that a processor in the chemical industry values: a broad range of products from top international producers, competent technical support laboratory

services and logistic solutions. We share your high standards in terms of speed flexibility, and quality – and have proudly served as your strong and reliable partner for more than 100 years.

We look forward to assisting and advising you.

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Product Disclaimer

- 1. Any information given on the chemical and physical characteristics of our products, including technical advice on applications whether verbally, in writing or by testing the product, is given to the best of our knowledge. However, this information is given without obligation and does not exempt the buyer from carrying out own investigations and tests in order to ascertain the product's specific suitability for the purpose intended. The buyer is solely responsible for the application, utilisation and processing of the products, and must observe the laws and government regulations and the consequential rights of any third party. Any exception of the above-mentioned restrictions requires the manufacturer's express release in writing.*
- 2. The products sold and/or supplied by us are not destined for the manufacture (i) of medical devices according to EU directive 93/42/EEC, in particular of implants, (ii) of biocides, (iii) of pesticides, (iv) of human and veterinary pharmaceuticals, (v) of food and feed products, (vi) of cosmetics, (vii) of weapons or other objects, designed to take human life or causing injuries.*
- 3. At all times our Conditions of Sale apply.*
- 4. Our product lists include dangerous goods. The correct marking of such goods is described in the respective datasheets.*

ADDITIVES

PRODUCT GROUP	PRODUCT NAME	PRODUCER	PRODUCT DESCRIPTION
Adhesion promoters	SiSiB® PC	Nanjing SiSiB Silicones	Different organo-functional silanes to improve the adhesion between the polymer matrix and anorganic filling and reinforcing materials in GFC and CFC systems as well as highly filled compounds.
Coupling agents	SiSiB® PC	Nanjing SiSiB Silicones	Vinyl silane to graft and crosslink polyethylene for the cable and pipe industry.
Diols	EH Diol	Gulf Chemical International	2-ethylhexanediol-1,3 as chain extender and modifying agent for PU systems.
Flame retardants	KSS-FR, HES-FR	Arichem	Halogen-free formulations, especially designed for PC and PC/ABS applications, transparent and opaque, that meet the requirements of the classification UL 94 V-0.
	Santicizer®	Valtris Specialty Chemicals	Specialty plasticizers offering flame retardant and smoke suppressing properties. The phosphate ester based materials are nonhalogen with high plasticizing efficiency, great compatibility in multiple polymer systems and fast fusion in PVC applications.

FILLERS

Kaolin	KaMin®	KaMin	KaMin kaolin clays are aluminum silicates available in treated and untreated form. Kaolin is used in Rubber and Plastics to increase strength properties and as a viscosity modifier.
	Nylok® 171	KaMin	Amino silane treated calcined kaolin that reinforces polyamide resin systems.
	Polyfil®	KaMin	Polyfil® WC clay is an organo-functional calcined kaolin clay. Polyfil® WC-426/Polyfil® DL Fine particle size vinyl-functional calcined clay. Polyfil® DLX is a large particle size, very high aspect ratio, delaminated clay. Polyfil® HG is an ultra-fine particle size, moderate brightness water washed kaolin clay.

PIGMENTS

Cadmium pigments	Cadmium Pigments	Huntsman	Pigments that have unique properties and near-universal compatibility with plastics, coatings, artist colors, ceramics and glass.
Liquid pigment pastes	Auricolor™	Chromaflo Technologies	Solvent free colorants for coloration of various thermoplastics, in particular packaging, house ware and toy industries (CB) or thermoset polyester applications (PE).
Pearlescent pigments	Kuncai	Fuzhou Kuncai Fine Chemicals	Effect pigments for the plastics industry based on natural and synthetic mica as well as borosilicate glass. Wide range of colors with a high quality according to European standards.
White pigments	Titanium Dioxide	Ruichem	Anatase and rutile TiO ₂ – organic and inorganic post treatment. Excellent dispersion, processability, opacity, weatherability and color strength.

RESINS

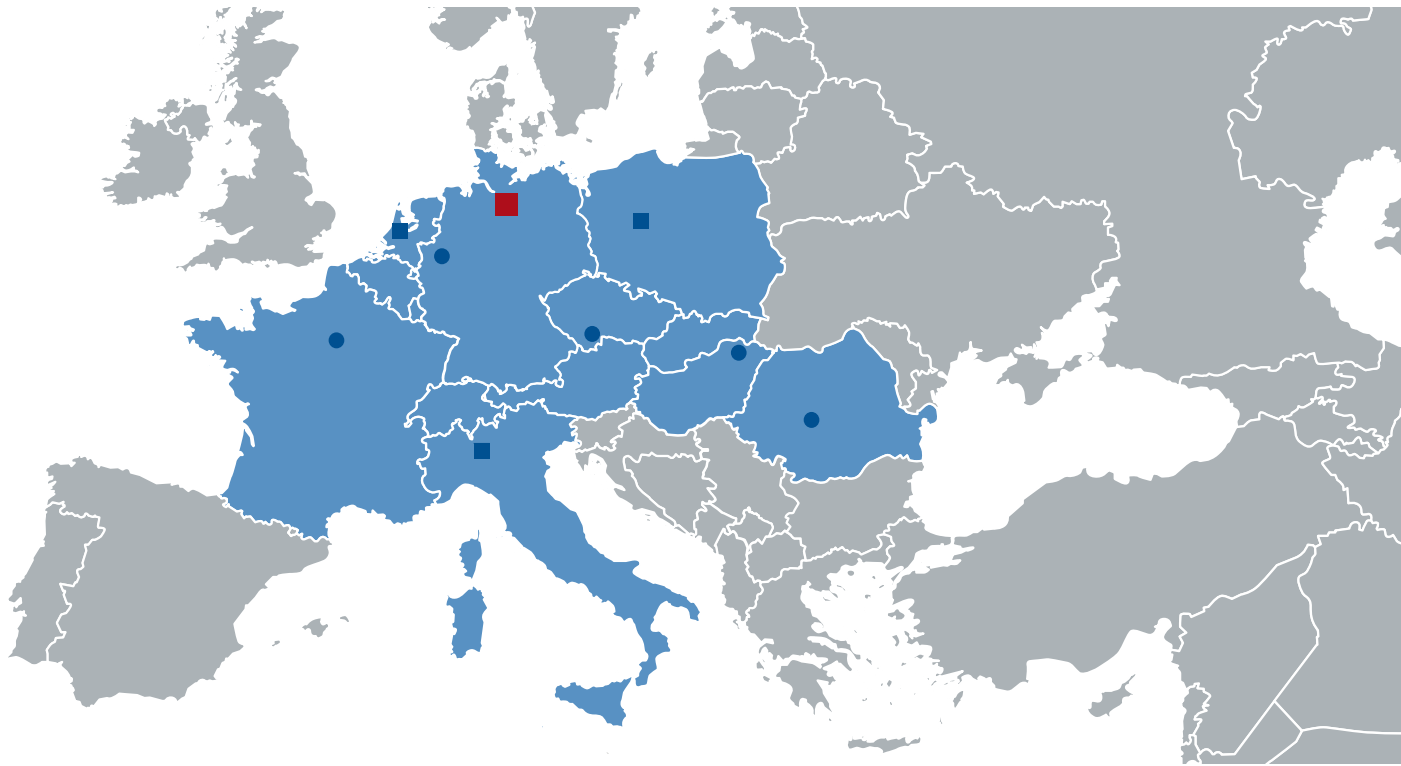
PVB	Butvar®	Eastman Chemical	Polyvinyl butyral resin suitable for thermoset plastic e.g. Composites and laminates to increase mechanical strength, as well as flexibility. Butvar offers reactive hydroxyl sites for crosslinking with thermoset resins as well as a general good solubility and is therefore easy to be formulated into many applications.
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PLASTICIZERS

PRODUCT GROUP	PRODUCT NAME	PRODUCER	PRODUCT DESCRIPTION
Benzyl phthalates	Santicizer®	Valtris Specialty Chemicals	Fast fusing plasticizers with low volatility and excellent extraction resistance. Also a good compatibility with a wide range of resins.
Citrates	Sucroplast ATBC	Sucroal	Bio-based plasticizer. Good compatibility with other polymers. It is applied in products with food contact, as fast fuser, but also in medical devices and compounds.
ESBO	Lankorflex E 2307	Valtris Specialty Chemicals	Epoxidised soybean oil. Secondary plasticizer and co-stabilizer. To be applied as a co-stabilizer because of its good heat resistance and as secondary plasticizer for PVC and floorings formulations.
Fast fusers – benzyl-phthalates/ carboxylates	Santicizer PLATINUM® P-1400	Valtris Specialty Chemicals	Phthalate free and fast fusing plasticizers which shows a high compatibility and efficiency, and performs by high permanence and low water solubility. Recommended for many applications, like plastisol, foam, sealant, calendaring, extrusion and films.
Monobenzoates	Jayflex™ MB 10	ExxonMobil Chemical"	Low viscous fast fusing plasticizer with favorable gelation properties providing a low, constant paste viscosity and a comparatively low volatility. Also compatible in combination with other standard plasticizers.
Phosphate ester	Santicizer®	Valtris Specialty Chemicals	Specialty plasticizers offering flame retardant and smoke suppressing properties. The phosphate ester based materials are nonhalogen with high plasticizing efficiency, great compatibility in multiple polymer systems.
Phthalates	Jayflex™ DIUP	ExxonMobil Chemical"	High molecular special plasticizer on phthalate basis, compatible with various polymers. Due to its excellent fogging and migration values it is suitable for car interior parts and for high temperature range.
	Jayflex™ DTDP	ExxonMobil Chemical"	High molecular special plasticizer, compatible with various polymers. Due to its high molecular weight and the especially low volatility, it is recommended for use in high temperature applications.
	Chemflexx 911P	The Chemical Company	Low volatile linear C-9 and C-11 alcohol based phthalate plasticizer. Due to its outstanding weather resistant properties and general good permanence especially suitable for outdoor and durable applications.
Polymeric adipates	Santicizer®	Valtris Specialty Chemicals	Polimeric plasticizer, which provide outstanding migration and extraction resistance. Application in film food packaging, cable and tube.
	CRANE® Plast	KRAHN Chemie	
Terephthalates	Plast Soft DOTP	Plastifay	Standard plasticizer, suitable for sensitive applications with direct food contact as well as in the toy industry and for leisure products.

THERMOPLASTIC POLYMERS

EVA (ethylene vinyl acetate)	Ateva®	Celanese	High-performance ethylene vinyl acetate copolymers with a VA contents from 9 up to 40% and wide MFI range from 0.35 to 850.
PVC	Formolon®	Formosa Plastics	Emulsion- and microsuspension-PVC used in various paste processing and thermoplastic applications. A wide range of homopolymer-, copolymer- and blending resins with different molecular weights, viscosities, low moisture and VOC content can be offered.



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