



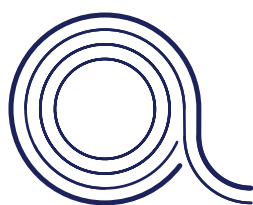
Product Range

Rubber

KRAHN

Your high-performance partner for specialty chemicals.

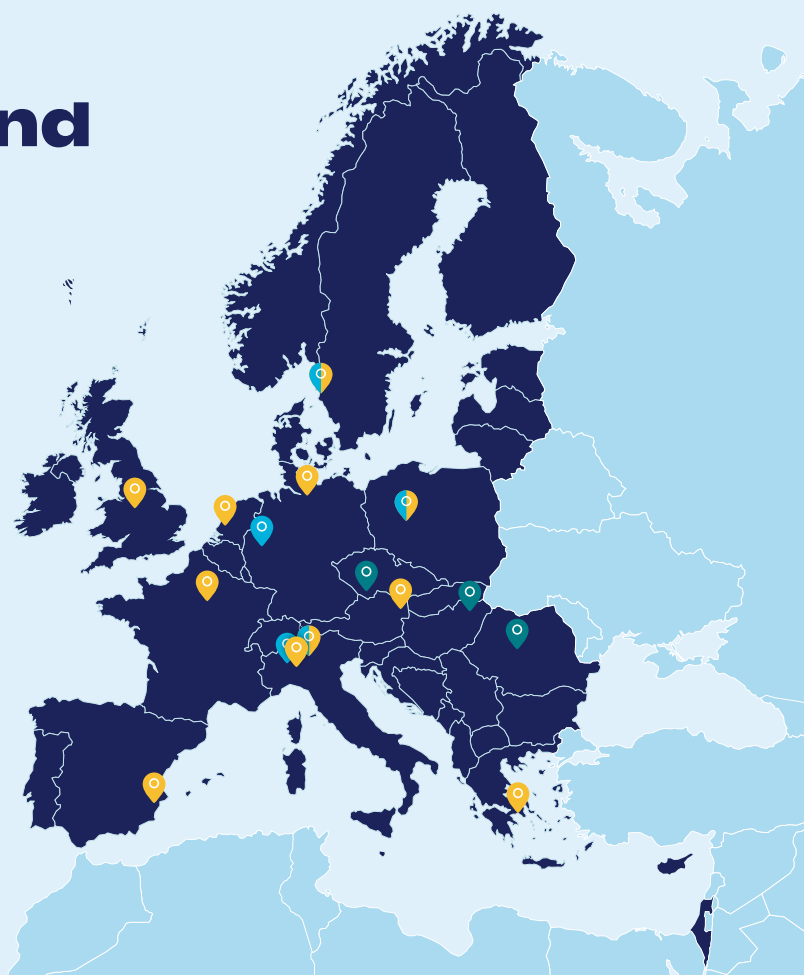
We are a leading independent chemical business providing sales, marketing and distribution services and are recognized world-wide for our technical expertise and high-quality product portfolio as well as in-house laboratory support. Everything we do is with passion and commitment and always with an eye on the best possible outcome.



Rubber

Our locations

Thinking global and acting local



KRAHN Subsidiaries

- Hamburg
- Zaandam
- Milan and Berbenno
- Poznań
- Avon
- Athens
- Gothenburg
- Sandbach
- Aspe
- Vienna

Sales offices

- České Budějovice
- Tiszaújváros
- Sibiu

Laboratories

- Bottrop
- Poznań
- Gothenburg
- Lainate and Berbenno

Warehouses

Many warehouses across Europe, also with possibilities for bulk breaking

Additives

Product Group	Product Name	Producer	Product Description
Aluminium trihydrate	ATH	LKAB Minerals	Aluminium trihydrate, also known as aluminium trihydroxide or alumina trihydrate, is derived from bauxite ore. This natural ore is refined to a fine white powder. After washing and drying it is used as the feedstock for a wide range of alumina chemicals.
HydroMagnesite huntite	UltraCarb	LKAB Minerals	UltraCarb is a halogen free fire retardant produced from natural deposits containing two minerals: hydromagnesite and huntite. This unique mineral combination is known as HMM.
Phosphate esters	Santicizer® Santicizer® Plus	Valtris Specialty Chemicals	Specialty plasticizers offering flame retardant and smoke suppressing properties. The phosphate ester based materials are non-halogen with good plasticizing efficiency and compatible in various polymer systems. Now available in TPP<0.1% versions with Plus series.
Processing aids	Polyplastol	Eigenmann & Veronelli	Blends of fatty acids, mixers of zinc salts, calcium soaps to improve processing and workability of NBR, CR and EPDM polymers.
	Polyplastol	Eigenmann & Veronelli	Anti-adhesive agent with plasticizing properties, melting points 50 – 65°C. Improves workability of high filled elastomer systems. Lubrication effect on rotors and in extrusion processes.

Fillers

Product Group	Product Name	Producer	Product Description
Azodicarbonamide	UNIFOAM AZ	Hebron	UNIFOAM AZ range is standard range of azodicarbonamide, the most commonly used chemical blowing agent in the production of foamed plastic and rubber.
	UNIFOAM AZ Ultra	Hebron	UNIFOAM AZ Ultra is an organic chemical blowing agents in powder form, low dust and anticaking, used in the production of foamed plastic and rubber.
Kaolin	KaMin®	KaMin	KaMin kaolin clays are aluminium 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 WC	KaMin	Organo-functional calcined kaolin clay.
	Polyfil DL	KaMin	Fine particle size vinyl-functional calcined clay.
	Polyfil DLX	KaMin	Large particle size, very high aspect ratio, delaminated clay.
	Polyfil HG	KaMin	Ultra-fine particle size, moderate brightness water washed kaolin clay.
Microspheres	Expancel	Nouryon	Expancel expandable microspheres are small spheres encapsulating a gas. When heated, they will dramatically increase in volume. Expancel is available unexpanded and expanded both wet and dry. It can be used as a blowing agent, weight reducer and property improver in many different applications. The expansion capacity and low density along with a closed cell structure and excellent compressibility give benefits to numerous other products.
Pentaphenyl-cyclopentadienyl	ENDOFOAM	Hebron	Advanced additives engineered to enhance foaming processes in thermoplastic applications. Widely used for foaming extruded polypropylene (PP) and polyethylene (PE) pipes, profiles, and PVC extruded sheets. Additionally, they are effective in reducing sink marks, lowering cycle times in injection molding, and facilitating nucleation in various manufacturing processes.

Pigments

Product Group	Product Name	Producer	Product Description
Colorants	Plasticolors	Vibrantz	VOC free Colorants for coloration of various types of rubber polymers and applications.
Titanium dioxide slurries	Hydrasperse EU Solvasperse IND	Vibrantz	TiO ₂ pigment pastes, available with various carriers to re-quired chemistry of the formulations. TiO ₂ pigments are with organic and inorganic treatments. Pigment pastes contains high solid content with good opacity, colour strength to meet excellent light and weather resistance.

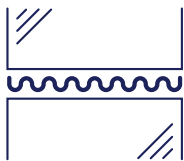
Plasticizers

Product Group	Product Name	Producer	Product Description
Adipates	Cereplas DOA DIDA	Valtris Specialty Chemicals	Benzoate based plasticizer which is used as an alternative for critical short-chain esters.
Benzoates	Jayflex MB 10	ExxonMobil Chemical	Benzoate based plasticizer which is used as an alternative for critical short-chain esters.
Benzyl phthalates	Santicizer®	Valtris Specialty Chemicals	Phthalate based plasticizers, combining the following properties: low volatility, excellent extraction resistance and a good compatibility with a wide variety of resins.
Bio-based Primary Plasticizer	Santicizer® Platinum G-2030	Valtris Specialty Chemicals	Santicizer® Platinum G-2030 is an efficient bio-based primary plasticizer that offers excellent heat stability, enhanced processability, and lower volatility than traditional general-purpose plasticizers
Cyclohexanoates	Santicizer® Platinum P-1400 Santicizer® P-1700	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, calendering, extrusion and films.
Phosphate ester	Santicizer® Santicizer® Plus	Valtris Specialty Chemicals	Specialty plasticizers offering flame retardant and smoke suppressing properties. The phosphate ester based materials are non-halogen with high plasticizing efficiency, great compatibility in multiple polymer systems. Now available in TPP < 0.1% versions with Plus series.
Phthalates	Jayflex DIUP	ExxonMobil Chemical	High molecular special plasticizer for rubber processing. Due to its low fogging values and high migration resistance Jayflex DIUP is used in automotive applications, e.g. car interior. Jayflex DIUP can be applied in NR, BR, SBR, CR, ECO, ACM and AEM.
	Jayflex DTDP	ExxonMobil Chemical	Very high molecular special plasticizer for rubber processing. Due to its very high molecular weight and the outstanding low volatility, Jayflex DTDP is recommended for high temperature and high voltage applications.
Polymeric adipates	Santicizer®	Valtris Specialty Chemicals	Polymeric plasticizer, which provides outstanding migration and extraction resistance to petrol and mineral oils. Excellent plasticizer for oil resistant cable jacketing and hoses.
Sebecates	Cereplas DOS, DIDS	Valtris Specialty Chemicals	They offer outstanding low-temperature properties, making them ideal for extreme cold environments, while maintaining high resistance to migration and volatility for applications requiring flexibility, thermal stability, and durability.
Terephthalates	Cereplas 100XS	Valtris Specialty Chemicals	Standard plasticizer, suitable for sensitive applications with direct food contact as well as in the toy industry and for leisure products.

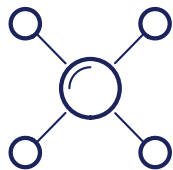
Synthetic Rubber

Product Group	Product Name	Producer	Product Description
Epichlorohydrin-based elastomers	Epicholomer	Osaka Soda	Versatile synthetic rubbers known for their superb heat resistance, oil resistance, and low-temperature flexibility, excellent resistance to ozone, flammability, and semiconductivity. Available in various forms, including homopolymers, copolymers, and terpolymers, epichlorohydrin-based elastomers. Commonly used in automotive components (e.g., seals, hoses, and diaphragms), industrial seals and gaskets, fuel systems, and electrical insulators due to their unique properties.
Polyacrylate rubber (ACM)	Racrester	Osaka Soda	Specialized synthetic rubber offering exceptional resistance to heat and oil. It is increasingly utilized in demanding high-temperature environments, such as around the engines of eco-friendly vehicles equipped with turbo engines, which have become more prevalent due to growing environmental consciousness. Additionally, advanced grades with enhanced low-temperature performance and metal corrosion resistance have been developed through innovative compounding techniques to address the evolving needs of customers.

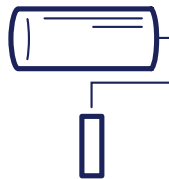
Industries



**Adhesives &
Sealants**



**Chemical
Intermediates**



Coatings



Construction



**Heat Transfer
Fluids**



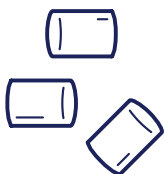
**Industrial Cleaning &
Home Care**



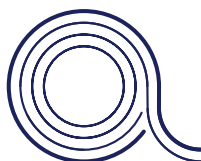
**Lubricants &
Fuels**



**Personal
Care**



Plastics



Rubber

Produkt 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, utilization 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.

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**Bring it
together!**



KRAHN Chemie brings
together all the elements
designed to create strong
added value: markets with
innovations, processors with
producers and questions
with answers.

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