

RUBBER

PRODUCT RANGE

Romania



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 answers.

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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SYNTHETIC RUBBER

PRODUCT GROUP	PRODUCT NAME	PRODUCER	PRODUCT DESCRIPTION
CPE (chlorinated polyethylene)	Dakren™	Osaka Soda	Vulcanizates made of Dakren™ CPE respectively CM have a good ozone-, oil- and weather resistance as well as good resistance to heated air. Application area: cables, hoses, window profiles, PVC pipes.
Epichlomer rubber	EPICHLOMER®	Osaka Soda	Epichlorohydrin rubber results in vulcanizates with a very good heat-, oil-, ozone- and weather resistance with a low gas permeability. Epichlorohydrin rubber is used in fuel systems, membranes as well as hoses for engines. Further applications are industrial- and printing rolls, tank surface protections as well as membranes and seals.

PLASTICIZERS

Benzoates	Jayflex™ MB 10	ExxonMobil Chemical	Benzoate based plasticizer which is used as an alternative for critical short-chain esters.
Benzyl phthalates	Santicizer®	Valtris	Phthalate based plasticizers, combining the following properties: Low volatility, excellent extraction resistance and a good compatibility with a wide variety of resins.
Phosphates	Santicizer®	Valtris	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™ DIDP Jayflex™ DINP	ExxonMobil Chemical	High molecular standard plasticizers. Due to the branching of the alcohol chains Jayflex™ DINP and DIDP have a high migration resistance and a low volatility.
	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.
Phthalates	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.
Specialty blends	OXSOFT® DUO1	Oxea	Blend of two low volatile esters. Features an excellent migration profile combined with good processability. The low viscosity of the product enables easy handling. Additionally, it offers very good low temperature properties.
	OXSOFT® DUO2	Oxea	Blend of two low volatile esters. OXSOFT® DUO2 features a further improved migration profile compared to OXSOFT® DUO1, but still the product is easy to process. Extraction resistance against various media and fogging values are excellent.
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.

PLASTICIZERS CONTINUED

PRODUCT GROUP	PRODUCT NAME	PRODUCER	PRODUCT DESCRIPTION
Trimellitates	OXSOFT® L9TM	Oxea	Extremely permanent, linear trimellitate plasticizer with low volatility and migration, as well as high resistance against extraction. Furthermore, OXSOFT® L9TM offers outstanding properties as to flexibility at low temperatures. Also because of the practically identical performance OXSOFT® L9TM is suitable as an alternative to linear C8 - C10 and linear C8 trimellitates.
	OXSOFT® TOTM / TOTM ST	Oxea	Highly permanent plasticizer, compatible with various polymers, extremely low volatility, excellent protection against calcium soaps, low fogging and good processability.

ADDITIVES

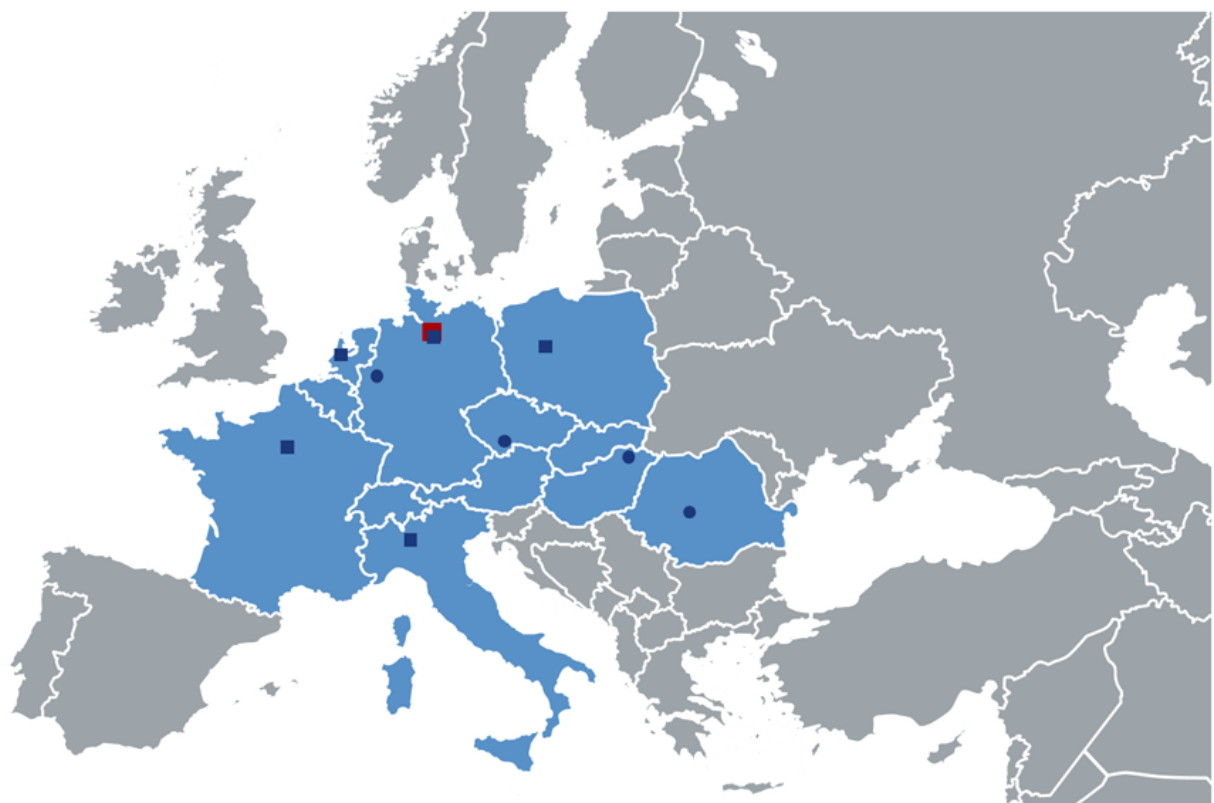
Coupling Agents	SiSiB® PC	Nanjing SiSiB Silicones	Bifunctional polysulfidic organosilanes for the rubber industry, used to improve the reinforcing capability of non-black fillers with silanol group on their surface.
Monomers	DAISO DAP™	Osaka Soda	Diallyl phthalate monomers, cross-linking agents for unsaturated polyester and hot sealing compound as replacement for styrene monomer as well as cross-linking agent for PVC polymerization.

RESINS

Hydrocarbon resins	HIGREE™	Qingdao Higree Chemical Co.	Hydrocarbon resins are widely used as tackify additives in tyre industry and for high performance sealings, due to their good compatibility with natural rubber and synthetic rubber like BR, SBR.
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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.



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