

RUBBER

PRODUCT RANGE
Czech Republic



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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ADDITIVES

PRODUCT GROUP	PRODUCT NAME	PRODUCER	PRODUCT DESCRIPTION
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.

PLASTICIZERS

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 for rubber processing. Jayflex™ DIDP and DINP are applied to improve the processibility of NR, BR, SBR, NBR, CR, ECO, ACM and AEM. Due to the branching of the alcohol chains Jayflex™ DIDP and DINP provide a high migration resistance and a low volatility.
	Jayflex™ DIUP	ExxonMobil Chemical	High molecular special plasticizer on phthalate basis 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, NBR, CR, ECO, ACM and AEM.
	Jayflex™ DTDP	ExxonMobil Chemical	Very high molecular weight special plasticizer on phthalate basis for rubber processing. Due to its very high molecular weight and the outstanding low volatility, Jayflex™ DTDP is recommended for high temperature applications, such as high-voltage cables and for parts inside or close to the engine.
Specialty blends	OXSOFT® DUO1	Oxea	Features an excellent migration profile combined with good processability. The low viscosity of the product enables easy handling. Additionally OXSOFT DUO1 offers very good low temperature properties. OXSOFT DUO1 is recommended in applications like artificial leather, flooring, roofing membranes, PVC films, coated fabrics and special cables.
	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.
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.

SYNTHETIC RUBBER

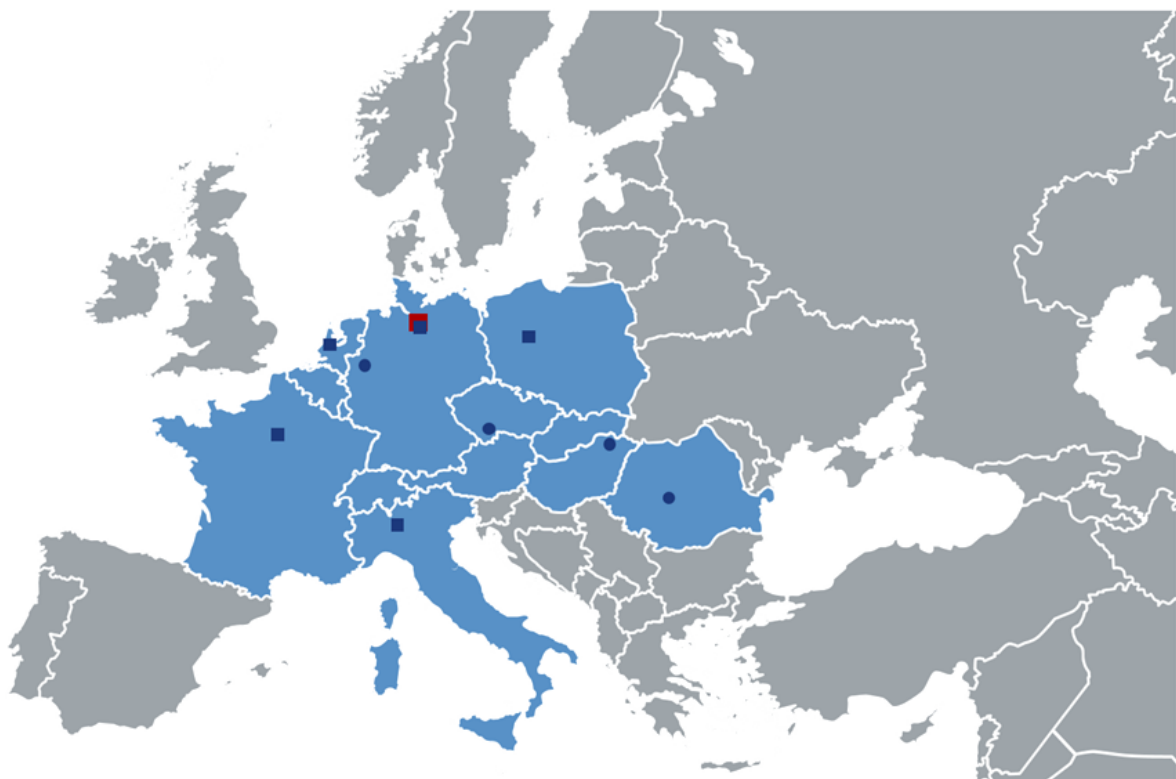
PRODUCT GROUP	PRODUCT NAME	PRODUCER	PRODUCT DESCRIPTION
CPE (chlorinated polyethylene)	Dakren™	Osaka Soda	Vulcanizates made of DAKREN™ CPE respectively CM have a good ozone-, oil- and weather resistance as well as good resistance to heated air. Application area: cables, hoses, window profiles, PVC pipes.
CR (polychloroprene rubber)	Baypren®	Arlanxeo	Chloroprene rubber Baypren is highly resistant to weathering, water, ozone and ageing as well as shows good resistance to oil and gasoline. The Baypren range presents a low gas permeability and good mechanical properties and an excellent abrasion resistance. Flame retardancy and combustion behaviour of BAYPREN are another product's properties.
ECO (Epichlorhydrin 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.
EVM (ethylene-vinyl acetate rubber)	Lavamelt Baymond® L	Arlanxeo	Ethylene-Vinyl Acetate rubber, Lavamelt and Baymond® L are versatile and flexible material for adhesives and films. Thanks to its thermoplastic characteristics, Levamelt and BAYMOND L represent an ideal material both for 'typical' adhesive processors as well as extruders. Due to the fact that Levamelt and Baymond formulations can also be manufactured where required without plasticizers, there is no chance of the surface being contaminated by these additives. This means that the sticker can be removed without leaving any residue. Robust, durable and weather-resistant. Plasticizer-free.
	Lavapren®	Arlanxeo	Ethylene-Vinyl Acetate rubber, Lavapren® has saturated molecular structure which accounts for good resistance to aging, ozone, UV light. Lavapren's operating temperatures are up to 175°C.
HNBR (hydrogenated acrylonitrile-butadiene rubber)	Therban®	Arlanxeo	Partially or completely hydrogenated acrylonitrile-butadiene rubber. While all HNBR products exhibit certain characteristics such as strength, heat resistance and oil resistance superior to standard NBR and other polymers, only Therban offers a selection of grades that will perform well across a range of the most extreme environments.
NBR (acrylonitrile-butadiene rubber)	Baymod® N	Arlanxeo	Serves as a modifier in powder form and improves in the final product the resistance to oils, fuels and greases. Its free flowability ensures automatic metering and processing. It is highly compatible with different base polymers such as PVC or phenolic resins.
NBR (acrylonitrile-butadiene rubber)	Krynac®	Arlanxeo	Multi-purpose medium cure polymer for technical rubber products that are exposed to oils, fuels and greases. Its extreme resistance to those liquids makes it suitable for a wide range of applications.
NBR (acrylonitrile-butadiene rubber)	Perbunan®	Arlanxeo	Special fast-curing NBR rubber enabling very quick molding cycles. Besides its extreme oil resistance, vulcanizates are characterized by good sealing force retention. The clean Perbunan grades are designed for molding applications to reduce the tendency toward mold fouling.

RESINS

Hydrocarbon resins	HIGREE™	Qingdao Higrée 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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