

RUBBER

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.



ADDITIVES

| PRODUCT GROUP | PRODUCT NAME | PRODUCER | PRODUCT DESCRIPTION |
|------------------|--------------|-----------------------------|--|
| 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. |
| Flame retardants | 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. |

SYNTHETIC RUBBER

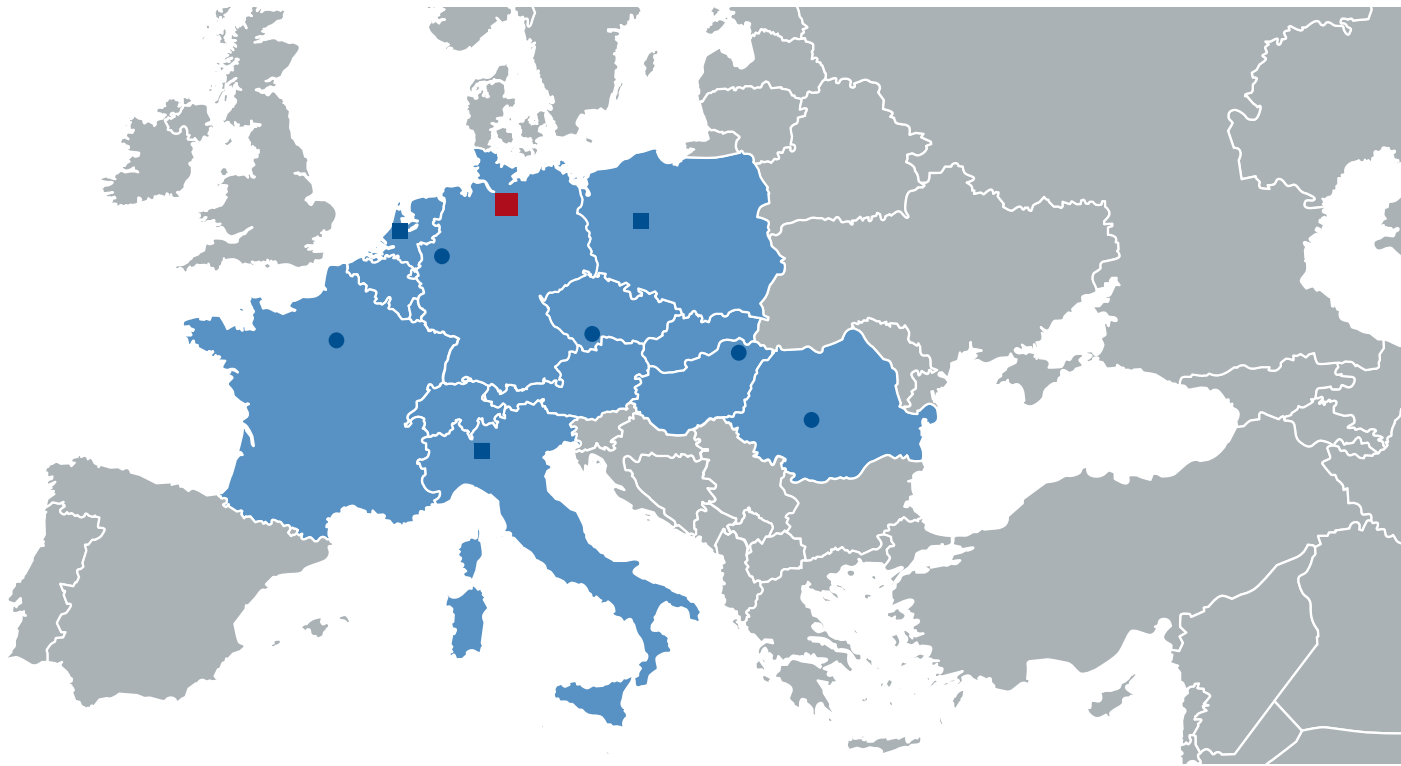
| | | | |
|------------------------------|--------|----------|--|
| EVA (ethylene vinyl acetate) | Ateva® | Celanese | High-performance ethylene vinyl acetate copolymers with a VA contents from 9 up to 40 % and wide MFI range from 0.35 to 850. |
|------------------------------|--------|----------|--|

PLASTICIZERS

| PRODUCT GROUP | PRODUCT NAME | PRODUCER | PRODUCT DESCRIPTION |
|---|-----------------------------|-----------------------------|--|
| 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. |
| 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, calendering, extrusion and films. |
| 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. |
| Phtalates | 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 | Polimeric plasticizer, which provide outstanding migration and extraction resistance to petrol and mineral oils. Excellent plasticizer for oil resistant cable jacketing and hoses. |
| 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. |

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.



[BRING IT TOGETHER]

www.krahn.eu

KRAHN Chemie Benelux BV
Westzijde 138
1506 EK Zaandam
The Netherlands
Phone +31 75 6351788
info.nl@krahn.eu

03/2019