



Product Range

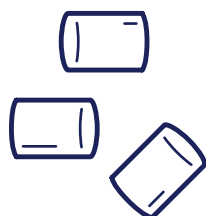
Plastics

Thermoplastics

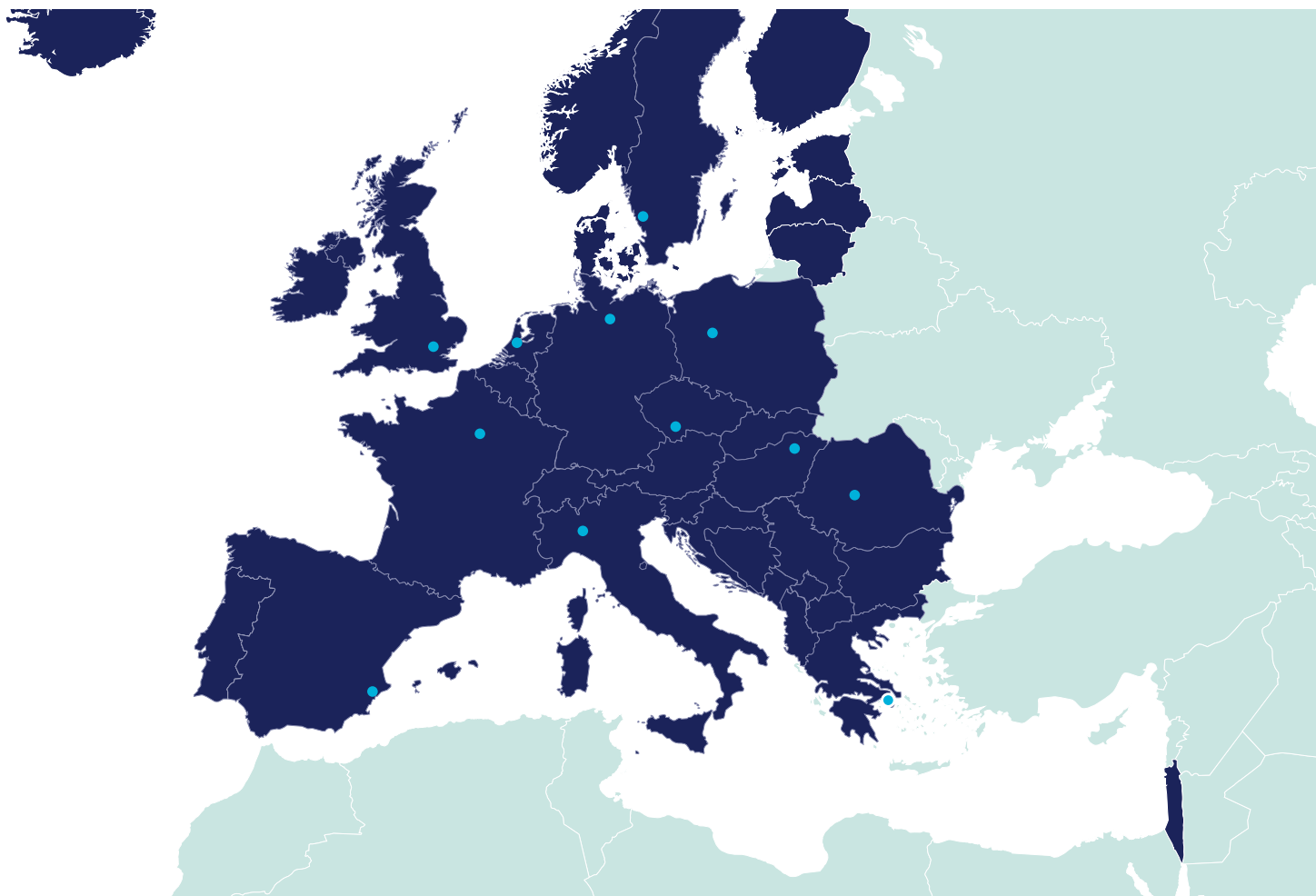


Your high-performance partner for specialty chemicals.

As an independent chemical distributor and sales and distribution partner to leading producers, we also bring together everything that processors in the chemical industry value: an extensive and high-quality product range, technical services as well as in-house laboratory support. We are committed to what we do with always an eye on the best solution.



Plastics



Additives

Product Group	Product Name	Producer	Product Description
Polymer modifiers	SCONA®	BYK-Chemie	Chemically modified polymers (POE, PE, PP, PLA, SEBS etc.) used as coupling, compatibilizing and impacting agents modifier. SCONA products are characterized by a very high level of modifier and can be used in low dosages in a wide range of polymeric systems: PA, PET, PLA, TPE-S and polyolefins (WPC, PP glass fiber).
Processing additives	BYK-MAX-P®	BYK-Chemie	Combined processing additives to improve the dispersion of pigments and mineral fillers in a large variety of polymers. BYK-MAX P increase the throughput by reducing the viscosity and the filter pressure value.
Wetting and dispersing agents	BYK-MAX D®	BYK-Chemie	Wetting and dispersing agent for the production of color thermoplastic masterbatches with inorganic, organic and carbon black pigments. BYK-MAX D reduce the viscosity improving the colour strength in the final product.
Wax dispersion	AQUACER® and HORDAMER®	BYK-Chemie	PE-wax emulsions and dispersions to be used as anti-caking in the underwater pelletizing systems (POE, TPE, TPU, EVA etc.). HORDAMER can also be used as liquid wetting and dispersing agent for thermoplastic color masterbatches.
Anti-scratch for PP	BYK-MAX ASC®	BYK-Chemie	Block copolymer additive to increase the scratch resistance of PP based surfaces of thermoplastic rigid items. Particularly indicated for interior vehicle parts production. Very active at low dosage.
VOC and Odour reduction	BYK-MAX P® and BYK-MAX OR®	BYK-Chemie	Granulated processing additives for the VOC and Odour reduction in thermoplastic compounds. BYK-MAX-OR are particularly suitable for the odour reduction in recycled polyolefins.
Stabilizer for recycled polymers	RECYCLOBYK®	BYK-Chemie	Heat stabilizer and processing aid for the recycling of polyolefins. RECYCLOBYK improve the long-term stability and the mechanical properties of the final compound.
Thermal Stabilizers for PP and PA compounds	BYK-MAX HS®	BYK-Chemie	Granulated long-term thermal stabilizer based on inorganic and organic stabilizers for use in PP (PP-GF and Re-PP) and polyamide based compounds.
UV / Light stabilizers for PE and PP	BYK-MAX LS®	BYK-Chemie	Ready-to-use UV-Light stabilizer for polyolefins for indoor and outdoor application. Excellent long-term light stabilization, high concentration of active ingredients.
Reinforcing Additives	BYK-MAX CT®	BYK-Chemie	Ready-to-use reinforcing additives based on organophilic phyllosilicate to improve the mechanical properties of polymers. BYK-MAX CT clays are characterized by different morphologies and chemical coating in order to be compatible for a large variety of polymeric matrices (from engineering polymers to polyolefins).
Organophilic phyllosilicate	CLOISITE	BYK-Chemie	Phyllosilicates used as a flame retardant synergist in HFFR compounds. Improve physical and barrier properties in thermoplastics. Different modified grades available.
Antifogging agents	LOXIOL®	Emery Oleochemicals	Esters in powder form that prevent the formation of water droplets on plastic film. Loxiol antifogging agents do not affect film transparency and are suitable for direct food contact application.
	BYK-MAX AF®	BYK-Chemie	Antifogging agent in granule form for the use in polyolefins to increase the surface tension and transparency of films.
Lubricants	LOXIOL®	Emery Oleochemicals	Ester based lubricants for the optimization of polymers processing. Loxiol grades modify the polymer rheology limiting the internal friction during the extrusion process.
Antistatic agents	LOXIOL®	Emery Oleochemicals	Ester based additives that prevent dust accumulation minimizing handling problems and risks due to the electrostatic charge accumulation. Indicated for several applications like packaging, flooring and electronic components.

Additives

Product Group	Product Name	Producer	Product Description
Release and Slip agents	LOXIOI[®]	Emery Oleochemicals	Ester based additives able to migrate towards the interface between the polymer and the processing equipment. Release agents improve the mould release in injection molding applications.
Laser marking and laser welding	FABULASE[®] and BUDIT[®] L	Budenheim	Inorganic pigments that can be used in several applications for obtaining a strong contrast (dark or light marking) on different substrates. These additives could be also used in laser welding applications.
Foaming agents	Unifoam[®] AZ	Hebron	Ready-to-use exothermic blowing agent based on ADCA in low-dust and activated form for low temperature processing.
Foaming agents (endothermic)	Endofoam (ADCA free)	Hebron	Endothermic foaming agents, ADCA free grades, available in powder or masterbatch.
Silicon oil	Carisil	KRAHN Italia	Liquid polysiloxane available in different viscosities. Carisil guarantee high thermal stability and lubricating properties.

Flame Retardants

Product Group	Product Name	Producer	Product Description
Antimony Trioxide	Triox and Polytriox	PCDL Lucette	This product, available in powder or in masterbatch, is intended for applications particularly demanding in terms of flame retardancy.
Borates and Stannates	Zinflame[®]	SCL Larderello	Zinc based flame retardants and smoke suppressors (ZB, ZS, ZHS) for plastic industry in halogen and halogen free formulation.
Magnesium Hydroxide	HYDROFY	NUOVA SIMA	High purity Magnesium Hydroxide for flame retardant compound. Available also in coated version.
ATH	ALUPREM[®]	TP&T TOR MINERALS	Aluminum Hydroxide available in uncoated and coated version for plastic industry.
Aluminum Oxihydrate	ALUPREM[®] SR 100 MES	TP&T TOR MINERALS	Flame retardant synergist, char promoter and smoke suppressant in halogen free system. Aluprem improves the mechanical properties and scratch resistance in filled compounds.
Organophilic phyllosilicate	CLOISITE	BYK-Chemie	Phyllosilicates used as a flame retardant synergist in flame retardant application. CLOISITE improves physical and barrier properties in compounds. Several modified grades are available.
Flame retardants	BYK-MAX-FR[®]	BYK-Chemie	Compacted flame retardant additive for polyolefins to use in compounding, extrusion or injection molding processes.
Melamine cyanurate	BUDIT[®]	Budenheim	MC based flame retardants stable up to 350 °C. The high nitrogen content enhances halogen free flame retardant effects primarily through the release of inert gases.
Melamine polyphosphate	BUDIT[®]	Budenheim	MPP based, with the stable powder which decomposes at temperatures above 325 °C. Used alone or with other phosphorous based flame retardants in engineering polymers.

Flame Retardants

Product Group	Product Name	Producer	Product Description
Intumescent systems	BUDIT®	Budenheim	Coated stable powder based on APP which decomposes at temperatures above 280 °C. Due to its high phosphate and nitrogen content it acts in the solid phase as intumescent flame retardant in PP compounds.
Smoke suppressant	BUDIT® T	Budenheim	Additive based on Zinc-II-pyrophosphate to reduce the smoke density in flame retardant polymeric compounds.
Potassium salt of diphenyl sulfone sulfonate	KSS-FR	Arichem	Halogen-free additive, especially designed for PC and PC/ABS compounds (transparent and opaque).

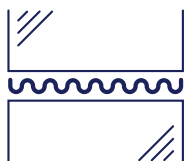
Functional Fillers

Product Group	Product Name	Producer	Product Description
Aluminum Oxihydrate	TOR BRITE	TP&T TOR MINERALS	Inorganic synergist to increase brightness and whiteness of TiO ₂ in thermoplastic and plastisol applications. TOR BRITE can also improve scratch resistance.
Calcium Carbonate	Mikhart, Calatem, Criscal	Provencale	Natural grounded Calcium Carbonate available in high purity and brightness.
	PRECARB®	Schaefer Kalk	Precipitated calcium carbonate (Calcite or Aragonite) particularly effective as extender for titanium dioxide.
Calcium hydroxide	PRECAL®	Schaefer Kalk	White hydrated lime with a very high degree of chemical purity.
Reinforcing Silica	HI-SIL® and SILENE™	PPG Industries	Synthetic amorphous and precipitated silica grades.
	AGILON®	PPG Industries	High performance precipitated synthetic silica combined with a silane.
Miconized Silica	LO-VEL™	PPG Industries	Synthetic amorphous precipitated silica for the gloss reduction in compounds. Available as wax-treated and non-treated form.
Zeolite	PURMOL®	Zeochem	Synthetic zeolite that acts as a dessicant. Provides the optimum solution for the removal of water traces and for adsorbing other impurities, such as carbon dioxide.

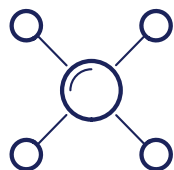
Pigments and Colors

Product Group	Product Name	Producer	Product Description
Organic pigments	CINQUASIA®	Sun Chemical	Organic High Performance Quinacridone pigments.
	CROMOPHTAL®	Sun Chemical	Organic High Performance Yellow, Red and Violet pigments.
	FANCHON®	Sun Chemical	Organic High performance Yellow and Orange pigments.
	FASTOGEN® Magenta	Sun Chemical	Organic High Performance Quinacridone pigments.
	FASTOGEN® Blue and green	Sun Chemical	Phthalocyanine Blue and Green pigments.
	HELIOGEN®	Sun Chemical	Phthalocyanine Blue and Green pigments.
	INDOFAST®	Sun Chemical	Organic High Performance Carbazole Violet pigments.
	IRGALITE®	Sun Chemical	Organic classical Azo Yellow, Orange, Red and Violet pigments.
	IRGAZIN YELLOW	Sun Chemical	Organic High performance Yellow pigments.
	IRGAZIN® ORANGE - RED	Sun Chemical	Organic High performance DPP red and Orange pigments.
	PALIOGEN®	Sun Chemical	Organic High performance Perylen Red and Indanthrone Blue pigments.
	PALIOTAN®	Sun Chemical	Hybrid pigments based on organic and inorganic high performance pigments for the coating industries.
	PALIOTOL®	Sun Chemical	Organic High performance Yellow and Orange pigments.
	SPECTRASENSE®	Sun Chemical	Organic High performance Perylen Black for Heat Management.
	SUNBRITE®	Sun Chemical	Organic classical Azo Yellow, Orange, Red and Violet pigments.
	SUNFAST®	Sun Chemical	Phthalocyanine Blue and Green pigments.
Pigment preparations	MICROLEN® MCN	Sun Chemical	Pigment Preparation for polyolefine, rubber and selected engineering plastics. Suitable for packaging, fibres, consumer goods.
	EUPOLEN® PE	Sun Chemical	Pigment Preparation for polyolefine. Low warping, suitable for automotive, consumer goods, packaging and sensitive applications.
	PREDISOL® PE	Sun Chemical	Pigment Preparation for polyolefine, rubber and selected engineering plastics. Suitable for packaging, fibres, consumer goods.
	SunMICA® FUSE	Sun Chemical	Pearlescent mica preparations for sensitive applications.
	DF 70	Sun Chemical	Pearlescent mica preparations for sensitive applications.
Pearlescent pigments	FIREMIST®	Sun Chemical	Glass-Based pearlescent Effects.
	GLACIER®	Sun Chemical	Pearlescent Effects based on synthetic Micas.
	LUMINA®	Sun Chemical	Pearlescent Micas with high chroma.
	MAGNAPEARL®	Sun Chemical	Natural pearlescent Silver and White Micas.
	MEARLIN®	Sun Chemical	Natural pearlescent Micas.
	SunGEM XST	Sun Chemical	Glass-Based pearlescent Effects.
	SunMICA	Sun Chemical	Natural pearlescent Micas.
	SunMICA LUX®	Sun Chemical	Pearlescent Effects based on synthetic Micas.
Dyes	ORACET®	Sun Chemical	High-purity solvent dyes for Plastic application.
Inorganics	SICOPAL®	Sun Chemical	Inorganic pigments based on various metal oxide and Bi Va.
	SICOTAN®	Sun Chemical	Nichel and Nichel-Chrome complex titanate pigments.
	SICOTRANS®	Sun Chemical	Transparent iron oxide for coating and plastic applications.
Aluminum	Benda-Lutz®	Sun Chemical	Wide range of metallic powder and paste.

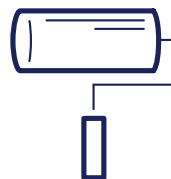
Markets



**Adhesives &
Sealants**



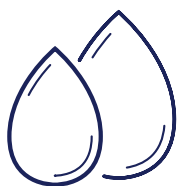
**Chemical
Intermediates**



Coatings



Construction



**Fuels &
Lubricants**



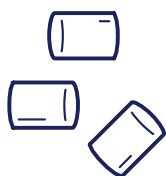
**Heat Transfer
Fluids**



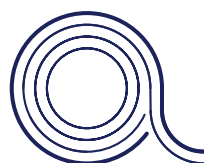
**Industrial Cleaning &
Home Care**



**Personal
Care**



Plastics



Rubber

Product Disclaimer

- 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.
- 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.
- At all times our Conditions of Sale apply.
- 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_07/2023

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

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