

Knowledge in action

Plastics Nordmann UK

Product catalogue







Plastics UK



"We see ourselves as a driving force for the plastics industry and would like to inspire our customers with innovative and sustainable ideas."

Nordmann supplies a wide range of additives, flame retardants and thermoplastics products for the plastics industry for all industrial areas, for example UV protection agents, flame retardant compounds and engineering plastic compounds.

Visit Nordmann Plastics

Specialities for the Plastic Additives and Thermoplastics industry. View our latest news and product details here.

<https://www.nordmann.global/en/industries/plastics>



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Our Products

Product Name	Description
Nord-min	Boron Compounds (Zinc Borate), Expandable Graphite, Metal Hydroxides, Nitrogen Compounds, Phosphorous Compounds, P/N Compounds & Synergists
Norantox	Antioxidants & Stabilizers
Nyacol	Antimony Compounds
Arxada	Acrawax & Aldo
Kolon	TPE
Wanhua	TPU for Extrusion & Injection Moulding
Valtris	Phosphate Esters & Benzyl Phthalates
MPB	Tie-layers products based on polyethylene, polypropylene, EVA modified with MAH
Lotte	EVA
Adeka	Anti-Oxidants, Flame Retardants & UV Absorbers
Hexpol	Non-Phthalate & DEHP Free Grades Soft PVC
Sekisui	X-Linked PMMA & X-Styrene Beads for light diffusion
UBE/Repol	PA, PP, POM, PC/ABS, PC, PBT, ABS & PPS
Biofibre	PP BioPolymer & wood fibre Masterbatch
Chalco	ATH
Voelpker	Montan Wax
Kraton	Rosin Esters
YouDao	HDPE Waxes
Labiozell	LDPE Waxes
Wanhua	PC (neat), PC Compounds, PMMA, PMMA Compounds
Kolon	PA6, PA66, TPC-ET, PET, LFT & INKRAYON





Our Products



Nord-min Flame retardants

For over a decade, Nordmann has been supplying NORD-MIN® CP 70 – a chlorinated paraffin that is often used as a flame retardant in chlorinated polymers such as CR, CSM or CPE. This material has already been used successfully for many years in the production of conveyor belts – proof of the consistently high quality of NORD-MIN® CP 70.

In addition, one of NORD-MIN® CP 70's most compelling features is its very low content of short and medium-length chlorinated paraffin. With ongoing discussions concerning the ban on short-chain chlorinated paraffins (SCCP) and medium-chain chlorinated paraffins (MCCP), this means that the product can be used without issue.

Nordmann also offers a broad-ranging portfolio of halogen-free flame retardants that includes, for example, NORD-MIN® expandable graphites – each with different starting temperatures and expansion volumes. Additionally, the Nordmann portfolio features NORD-MIN® ammonium polyphosphates: the core component for intumescent systems. To round out the line, we supply a melamine cyanurate marketed under the name NORD-MIN® MC.

Norantox - Antioxidants

Nordmann has a range of its own antioxidants, both primary and secondary. Primary antioxidants – usually aromatic amines and hindered phenols – scavenge and destroy radicals before they can react with polymers. Typically, the radicals are then converted into inert by-products such as alcohols or water.

NORANTOX® TMQ is an aromatic amine, while our Quantox 45 is a diphenylamine. This antioxidant causes light discoloration but is often used as a heat stabilizer in NBR, EPDM and CR applications, as well as others. For hindered phenols, customers can choose from the following: NORANTOX® 1010, NORANTOX® 1076 and/or NORANTOX® 1098.

Secondary antioxidants (also called preventive antioxidants) convert chain-initiating hydroperoxides to nonradical products. Our NORANTOX® 168 is a phosphite that falls under this category.

UV stabilizers or light stabilizers, including HALS (hindered amine light stabilizers) are also part of our portfolio: NORANTOX® UV 622, NORANTOX® UV 770 and NORANTOX® UV 944.

Anti-ozone waxes like our NORANTOX® 654 are often used to protect components that are subject to static stress. At room temperature, this blend of paraffin and microcrystalline waxes is not readily soluble in the rubber matrix – meaning that processing temperatures should be kept above the product's melting point in order to increase solubility. Depending on the subsequent service temperature of the resulting vulcanizate (as well as the chain length of the wax and the polymer used), the wax will migrate to the surface of the final material and form a closed, protective film.





Our Sustainable Portfolio



Sustainability isn't just optional these days, it's a necessity. The demands placed on modern plastics have changed significantly over the last few years, which is why Nordmann is now offering more and more products from renewable and/or sustainable sources.

We guide our customers through the selection process to find raw materials and additives that support product durability and recyclability.

We also aid our business partners in finding the best solutions for the challenges they face and help them think through product life cycles to optimise sustainability.

We are constantly developing our portfolio of high-demand products, and below you'll see an overview of the versatile range of sustainable raw materials we currently carry.

Product Name	Description
CirKular+™, Kraton, Polymers	Kraton supplies innovative solutions for recyclers, converters and brand owners alike with the CirKular+™ product line, specifically designed for upcycling plastics and modifying bioplastics.
MARFRAN CIRCULAR compounds, MARFRAN GREEN compounds	These compounds serve to reduce and optimize the consumption of resources while supporting the re-use of plastics and plastic waste.
Biofibre® Sustra, Compounds	Biofibre®'s novel bioplastic is a compound featuring natural fibers and a (bio)polymer matrix. Made with fewer fossil raw materials, it has a significantly lower CO2 footprint.
Bio-based PVC compounds, TPV Compound	Originating largely from biomass (up to 60-80%), these new compounds meet the international 3-star certification of TÜV Austria for bio-based carbon content (BCC).
PLA bioplastic, TotalEnergies Corbion	Polylactide (PLA) from TotalEnergies Corbion is a non-naturally occurring polyester synthesized from sugar through a multistep process. This new generation of sustainable and environmentally friendly bioplastics performs better than those based on fossil fuels, while only emitting a third as much CO2.
Cevo®, VOELPKER, wax additives	The wax blends from VOELPKER improve flow properties and surface quality as well as the dispersion of fillers and pigments. Products from the company's Plastic Recycling Series allow for the production of exceptionally high-quality recyclates.
Nordmann's NORANTOX®, Antioxidants & UV stabilizers	Under the brand name NORANTOX®, Nordmann offers its own range of antioxidants and UV stabilizers. The products are not only used to make new plastics but also recycled materials.





Our Supply Partners



Valtris

Valtris is a global leader in specialty chemical additives and precursors, offering innovative solutions and products to customers around the world. With strong technical expertise and best-in-class formulation capabilities, we develop products that provide essential performance properties to plastics, coatings, adhesives and sealants, pharmaceuticals, flavor and fragrance, and personal care products.



Wanhua

Wanhua Chemical Group Co.,Ltd. is among the global leading suppliers of chemical innovative products. Relying on the continuous innovation, commercialized facilities and efficient operation, the company provides customers with more competitive products and solutions.



MPB

Industrie Polieco-MPB (MPB) is the biggest European compounder of polyethylene and polypropylene mainly for two applications which are steel pipe coating and film packaging.



Arxada

We are a global specialty chemicals business with a world-class offering in Consumer Microbial Control, Industrial Microbial Control and Specialty Products Solutions. We provide a broad portfolio of differentiated products targeted at a range of end markets, supported by our leading regulatory capabilities, IP expertise and established track record in R&D.



Lotte

A global group creating a better life for all. LOTTE endeavors to realize this ambitious dream.



Kolon

Kolon Industries has grown with customers, transforming lifestyles through innovative products in history. As a leader in the industrial field, we focus on four major business divisions; Industrial Materials, Chemicals, Film/electronic Materials, and Fashion. We are growing stronger as a 'Global Leading Company' with our well balanced portfolio.



Adeka

We support a wide range of industrial fields from various inorganic and organic intermediate products to the fine chemical products such as additives for plastics, high performance materials for semiconductors and digital appliances using variety of products from ADEKA Group.



HEXPOL

The HEXPOL Group is a leader in the field of advanced polymer compounding, with a global footprint of local units, ensuring your industrial needs are met on cost and on time. Service, Speed, and Superiority.

Our Supply Partners



Sekisui

The Group Slogan supports the management strategies drawn up by the SEKISUI CHEMICAL Group. SEKISUI CHEMICAL Group aims to meet the expectations of its stakeholders and contribute to society through its business activities, and has embodied this ambition in its Corporate Philosophy called the „3S Principles“, Service, Speed, and Superiority.



Voelpker

Voelpker design special wax that are precisely tailored to their requirements. We have served as a reliable partner and developed individual solutions for many branches in recent decades.



Kraton

Kraton develops, manufactures and markets biobased chemicals and specialty polymers that deliver exceptional value and enhance the lives of people all over the world. As a leading global producer of styrenic block copolymers (SBC) and pine chemicals.



UBE Repol

We are a global company committed to offering sustainable solutions for "Coexistence and Mutual Prosperity" with nature and humans, through our integrated services based on years of experience, technologies in manufacturing and distribution of our value-added chemical products.



YouDao

Shandong Repolyfine Chemical Co.,Ltd (incorporating Youdaowax) established in 2016 ,a public company at Qilu OTC with stock no.306825,it is a high-tech chemical center that focus on R&D, manufacturing and marketing of additives for plastic industry.



Labiozell

We are manufacturers of waxes and industrial additives.



Chalco

Chalco is a leading company in China's non-ferrous industry, with a strong portfolio of assets among global competitors.



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Contact Nordmann U.K. Plastics

info-gb@nordmann.global
www.nordmann.global
+44 1293 880 889 / +44 7775 727 114

Nordmann Portfolio

Agrochemicals

Adhesives & Sealants

Ceramics

Cleaning

Coatings & Inks

Composites

Construction

Elastomers

Electronics

Fine Chemicals

Flame Retardants

Food & Feed

Foundry

Health Care

Industrial Chemicals

Monomers

Oil, Gas & Lubricants

Oleochemicals

Polyurethane

Optical

Paper

Personal Care

Plastics

Textiles & Leather

All the information and application knowledge presented here is based on practical experience and research. However, it is non-binding information. We therefore strongly recommend that you carry out your own tests before using our products. This applies in particular to our formulations, which only represent a starting point for individual developments and for which we can provide no guarantee.

The user alone is responsible for testing in the respective countries concerned and with regard to possible conflicting industrial property rights of third parties (e.g. patents). In this respect, we assume no liability for formulations or partial recipes. Our products are sold according to our General Conditions of Sale.



Advertising for dangerous substances

Dangerous substance as per Regulation (EC) No 1272/2008. This substance is classified and assigned in accordance with the requirements of the aforementioned ordinance. For further information on this substance, please refer to the safety data sheet.

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Asia

China (rep office)
India
Japan
Singapore
South Korea

Nordmann U.K. Limited

1 Maidenbower Office Park,
Balcombe Road, Crawley
RH10 7NN

Phone: +44 (0)1293 880820
info-gb@nordmann.global
www.nordmann.global

