

Knowledge in action

# Polymer additives

Product catalog



NORDMANN

# Processing aids

A-C® wax additives	Processing aids and lubricants for PVC, engineering plastics and polyolefins. A-C® wax additives influence several parameters like rheology, energy consumption of the processing equipment, melt pressure in the machine, productivity, dispersion of fillers and pigments, compatibility of different raw materials and in PVC the gelation
ADVASTAB™	Heat stabilizers methyl tin based for PVC
Ca, Ca/Zn, Na, Al, Mg, K stearate	Different stearate metal soaps
Ca Laurate, Mg Myristates, Zn Laurate, K Myristate, Na Oleate, K Stearate	Metal soaps of different fatty acid basis
EBS	Ethylene bis stearamid as lubricant and antiblock Agent for polyolefins, PVC and engineering plastics
L-Serie	Lubricant and antistatica based on fatty acids esters of different polyols and complex ester
Mono-, di- and triglycerides	GMS, GMO, GDS, GDO, GTS, GTO
NORACID® 1110	Hydrogenated castor oil, internal lubricant for PVC
NORACID® 1112 PV	External lubricant for PVC-U and PVC-P
Pentaerythritol Esters	Mono-, di-, tri- and tetrastearate
Stearic acid	Basic raw material for metal soaps
THERMOLITE®	Heat stabilizers octyl tin based for PVC. There is also a product with a high mono octyl tin content available
WARADUR®	Montan waxes as external and internal lubricants, dispersants and surface improver

# Additives for bioplastics

CAPA®	Improvement of toughness and elasticity of bioplastics (e.g. PLA & PHA), compostable thermoplastic polycaprolactone
Cevo®	Including organic wax ester from renewable plant waxes. In technical plastics can be used as release agents, dispersants and processing aids
CirKular+™	Impact modifier for PLA and compatibilizer for wood, fibers and cellulose in plastics



# Additives for recycling and recyclates

Cevo®	Waxes, waxy compounds and mixtures for use in plastic regrind and post industrial recyclate. Allows property profiles of plastics, which are very similar to those of new goods.
CirKular+™	Impact modifiers and compatibilizers based on styrene Block copolymer for recycling material. Increases process capability of the recycled material and mechanical properties.

## Additives

AClyn®	Nucleation agent ionomere - for different engineering plastics
ARKON™	Hydrogenated water-white C <sub>9</sub> hydrocarbon resins
BLANC FIXE K3, K4	Scattering additives in semi-opaque and translucent applications
BLANC FIXE MICRO, MICRO PLUS	Micronized synthetic BaSO <sub>4</sub> for the improvement of mechanical and optical properties, also used as a spacer
Ca Laurate, Mg Myristates, Zn Laurate, K Myristate	Metal soaps of different fatty acid basis
DONACARBO	Antistatic or electrically conductive pitch-based carbon fibers for colored plastic applications
Ensaco®	Electrically conductive carbon black
Fatty Acid Esters	Native fatty acid esters
HEROLUB®	Micronized PTFE for improving the surface and scratch resistance of engineering plastics, lubricants and anti-dripping in flame retardant compounds
Hombitec®	Inorganic UV absorber
NORANTOX®	Phenolic and phosphide antioxidants for long-term thermal and process stability and HALS
Sachtoperse®	Nucleation agents and antiblock u.a. PET
Sachtotec®	Solid metall descativator
Techpolymer	Crosslinked polymers for light scattering and matting of engineering plastics

# Plastic modifiers

COESIVE®, PROESIVE®	Compatibilizers based on MAH-modified PO & EVA
Impact modifiers for PVC	CPE-based
KRATON® D, G and FG	Impact modifiers and compatibilizers, based on styrenic block copolymers In combination with oils, Kraton can be used as a gelling agent

# Plasticizers & process oils

Arfleks	DOTP
Emoltene™	DPHP
Epoxol	Different epoxidized soya-bean oil (ESO)
DOA	Di octyl adipate
DOS	Di octyl sebacate
White Oils	Medical and technical grades, based on gas-to-liquids (GTL)

# Additive & color masterbatches

ASTROBATCH, -MICRO, -BLEND	Color masterbatches as well as monobatches and additive batches on a PVC basis
NORD-MIN® AB	Functional masterbatches for technical plastics, e.g. for nucleation
NORD-MIN® FRMB	Flame retardant masterbatches



# Functional fillers

BLANC FIXE	Synthetic BaSO <sub>4</sub> acting as spacers; improving gloss and mechanical properties
KaMin <sup>®</sup> , Polyfil <sup>®</sup> , Nylok <sup>®</sup> , Nucap <sup>®</sup> , Nulok <sup>®</sup> , Polyplate <sup>®</sup>	Washed, calcined and surface-modified secondary kaolins

# Pigments

HOMBITAN <sup>®</sup> , SACHTLEBEN <sup>®</sup> , TIOXIDE <sup>®</sup>	Titanium dioxide (anatase, rutile)
LITHOPONE	White pigments, coprecipitated zinc sulfide/barium sulfate base
Lumilux <sup>®</sup>	Fluorescent and phosphorescent pigments
SACHTOLITH <sup>®</sup>	White pigments with low mohs hardness, based on zinc sulfide
Sudafast <sup>®</sup> , Sudacolor <sup>®</sup> , Sudaperm <sup>®</sup>	Organic colour pigments
Sudasol <sup>®</sup>	Solvent dyes
Sumica <sup>®</sup>	Pearlescent pigments based on natural glimmer
UV-Titan	Ultrafine rutile titanium dioxide metal effect flip-flop

# Flame retardants, fire protection additives & synergists

Halogenated and halogen-free flame retardants	Flame retardants and synergists
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## Antimony compounds

NYACOL <sup>®</sup>	Antimony pentoxides as flame retardant synergists
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For further information, please request our specialty product catalog of flame retardants, fire protection additives and synergists.

# Polyurethane raw materials for CASE & foam applications

Polyurethane

Polyurethane systems / Polyols / Isocyanates / Crosslinkers / Additives / Bonding agents / Catalysts / Release agents

For further information, please request our specialty product catalog for polyurethane.

## Thermoplastics

Engineering Plastics

POM homo- and copolymers, PA6, PA66, copolyamide, PBT

Special plastics

Polyamid 12, PPA, PPS

Standard Plastics

Polystyrol, polypropylene, polyethylene LD-, LLD- and HD compounds, EVA, PVC compounds

Thermoplastic elastomers

TPE-S, TPE-O, TPE-E, TPE-A, TPE-U

For further information please request our special thermoplastics delivery program.

## Cleaning compounds

CleanXpress

Highly effective cleaning granulate for extruders and injection molding machines. The different types are mainly used when frequent color changes or conversions to different thermoplastics are required.

For further information, please request our specialty product brochure for NRC cleaning granulate.



# 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

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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.*

# Our global network

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Bulgaria  
Czech Republic  
France  
Germany  
Hungary  
Italy  
Sweden  
Poland  
Portugal  
Romania  
Serbia  
Slovakia  
Slovenia  
Spain  
Switzerland  
Turkey  
United Kingdom

## North America

USA, Florida



## Asia

China (rep office)  
India  
Japan  
Singapore  
South Korea

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