

Knowledge in action

Thermoplastics

Product catalog Germany



NORDMANN

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Engineering plastics

Polyacetals (POM)

TENAC™	Homopolymer, UV-stabilized, improved flow, impact resistant, good processability, broad viscosity spectrum
TENAC™-C	Copolymer, UV-stabilized, broad viscosity spectrum, glass fiber reinforced
TENAC™-HC	Grades with optimum balance between mechanical properties and economic aspects
TENAC™-L	Homopolymers and copolymers with improved sliding and abrasion properties
TENAC™-Z, CZ & V	Homopolymers and copolymers emission-reduced

Polyamide (PA)

DINALON® PA 6 + PA 66	Injection molding compounds with various modifications including reinforcements, impact modification, colors and flame retardants (Yellow cards)
LEONA® 90G PA 66/6I	Partially aromatic copolyamide (PPA) with high dimensional stability, excellent surface quality, high GF content ($\leq 60\%$)
UBE NYLON COPA	PA 6/66 and PA 6/12 copolymers for film extrusion and monofilament extrusion
UBE NYLON PA 6	PA 6 homopolymers; pipe, profile and film extrusion as well as monofilament extrusion and injection molding
UBESTA® PA 12	Extrusion and injection molding grades, film quality, impact modified, conductive extrusion and injection molding grades, reinforced and non-reinforced

Polybutyleneterephthalate (PBT)

DINABLEND® PBT-Blends	PBT/PET, PBT/ASA Injection molding compounds with various reinforcements, high impact resistance, colors and flame retardants (yellow cards)
DINADUR® PBT-Compounds	Injection molding compounds with various reinforcements, high impact resistance, colors and flame retardants (yellow cards)

Engineering plastics

Polycarbonate (PC, PC-Blends)

CLARNATE®	PC neat resin for compounding and extrusion
Clarnate® Si-PC Copolymer	Injection molding compound with high impact resistance, very good transparency and low temperature ductility
DINABLEND® PC Blends	PC/ASA, PC/ABS, PC/PBT Injection molding compounds with various reinforcements, highly impact resistant and flame retarded grades (Yellow cards)
DINAXAN®	PC Compound

Polymethylmethacrylat (PMMA)

ACRYPLAS® PMMA	Injection Moulding and extrusion grades
ACRYPLAS® PMMA Alloy Series	PMMA/ABS, PMMA/ASA modified injection molding compounds

Polypropylene with glass fiber reinforcement (PP-GF)

ISOGLASS®	Injection molding compound with glass fiber reinforcement, optimal mechanical properties, UV-stabilised, heat stabilised and flame retardants (Yellow cards)
ISOGLASS LFT®	Injection molding compounds with long glass fiber reinforcement, high tensile strength, heat stabilised
ISOGLASS XT®	Injection molding compound with glass fiber reinforcement and extended performance, optimal mechanical properties, UV-stabilised, heat stabilised and flame retardants (Yellow cards)



Commodity plastics

Ethylene vinyl acetate (EVA)

TOTALENERGIES EVA	Extrusion, injection molding and film grades
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Polyethylene (PE)

TOTALENERGIES HD-PE, MDPE	Injection molding, blow extrusion and pipe extrusion grades, good and uniform natural color
TOTALENERGIES LD-PE	Extrusion, injection molding and film grades, good and uniform natural color
TOTALENERGIES LUMICENE® PE	Metallocenes, high gloss and transparency, improved strength, high organoleptic neutrality

Polyolefin Elastomere (POE)

WANSUPER®	Copolymer based on metallocene catalyst technology using butene and octene comonomers; low density, low hardness, very good impact strength and flexibility for cold environments; processing injection molding and extrusion
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Polypropylene (PP)

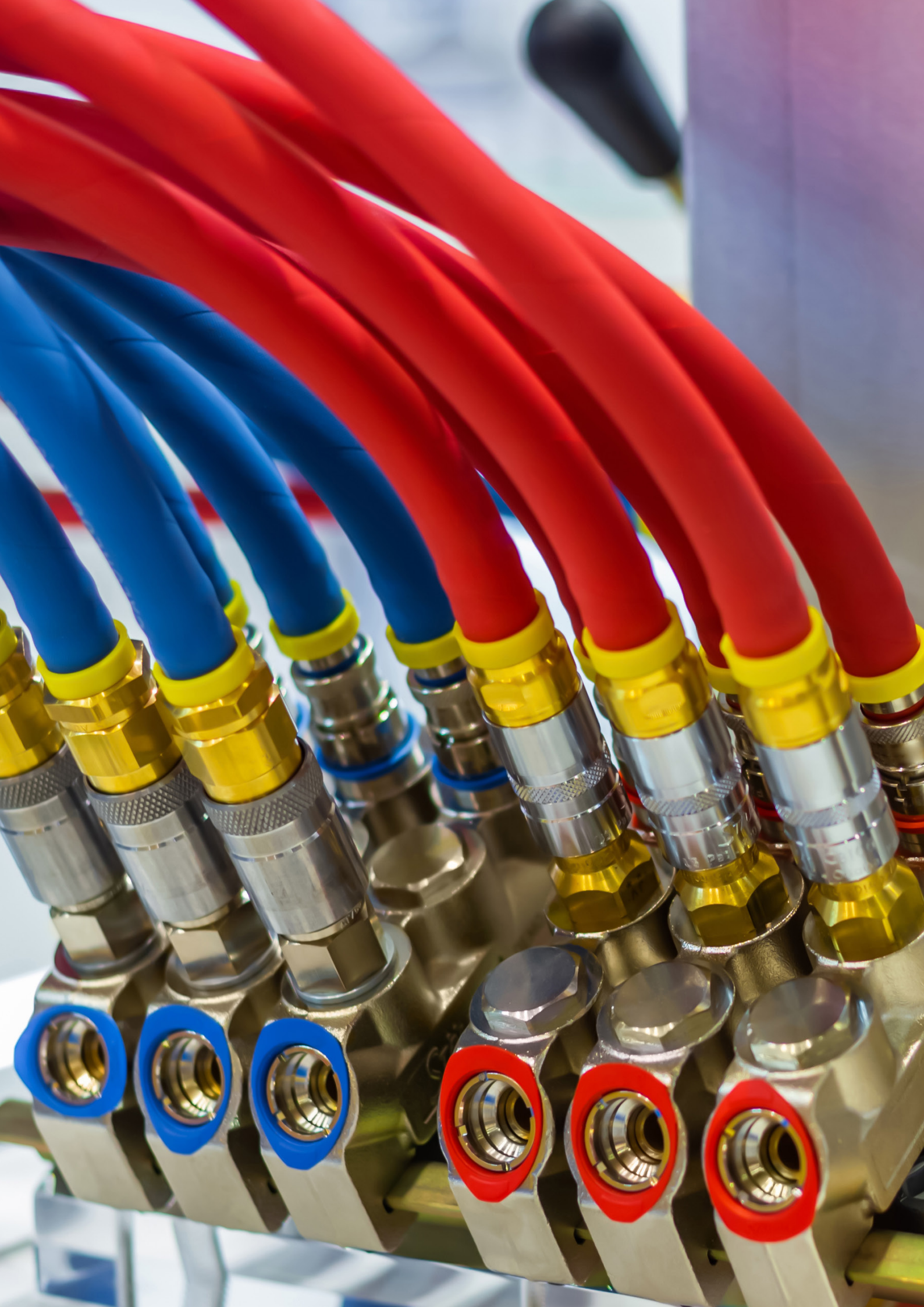
TOTALENERGIES FINALLOY®	PP- and rPP compounds, unfilled HCPP and PP copolymers for automotive interior applications, emission-reduced, scratch-resistant, for exterior applications
TOTALENERGIES LUMICENE® PP	Metallocenes with excellent gloss, improved transparency, high productivity and high organoleptic neutrality
TOTALENERGIES PP	Homopolymers, copolymers, random copolymers, high transparency, wide viscosity range; extrusion, blow molding and injection molding grades

Polypropylene & Polyethylene (Medical)

TOTALENERGIES ACESO® PEM , TOTALENERGIES ACESO® PPM	PP homopolymers and random polymers as well as PE, LD and HD for demanding pharmaceutical and medical applications; high purity, full documentation, reliable availability
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Polystyrene (PS)

TOTALENERGIES PS	Transparent, medium and high impact resistance, good and uniform natural color
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Thermoplastic elastomers (TPE)

Copolyester elastomers (TPE-E)

Pibiflex®, Riteflex®	Extrusion, blow molding and injection molding grades shore hardness 20 D - 70 D
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Polyamide elastomers (TPE-A)

WANELITE®	Extrusion grades, injection molding grades, film grades, transparent grades, foaming grades
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Polyolefin elastomers (TPE-O)

MARFRAN®	Extrusion grades, injection molding grades, film grades, transparent grades, foaming grades
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Styrenic block copolymer compounds (TPE-S)

MARFRAN®	Extrusion, blow molding and injection molding grades, colored and customized types, adhesion-modified types, transparent settings, food-approved compounds (FDA and EU10/2011)
MARFRAN® for drinking water	Extrusion and injections molding compounds applicable for drinking water applications with certifications according to DVGW, latest KTW, WRAS, NSF/ANSI6 (specific recommendations necessary for adequate material solution)
MARFRAN.MED®	Extrusion, blow molding and injection molding grades with approvals for the medical and pharmaceutical sectors, customer-specific types, adhesion-modified types, transparent settings; certification according to ISO 10993 and USP Class VI; production in clean room class ISO 7 according to ISO 14644-1 / class 10.000 according to US FED STD 209E

Thermoplastic polyurethanes (TPE-U)

WANBLEND®	Polyester/polyether-based, halogen-free and halogen-containing flame-retardant grades, antistatic, electrically conductive, extrusion and injection molding grades
WANTHANE®	Polyester, polyether, polycarbonate and polycaprolactone-based; hydrolysis stabilized, abrasion-optimized, improved flow, high transparency, cold flexible, food approved (FDA and EU10/2011); extrusion, blow molding and injection molding grades
WANTHANE®	Polyether based with certification for medical and pharmaceutical industry according to ISO 10993 and USP Class VI; extrusion and injection moulding qualities

Thermoplastic Vulcanisates (TPE-V)

MILASTOMER™	Extrusion and injection molding grades, ultra-light weight, ready to use, with excellent chemical and heat resistance and unmatched translucency levels; providing excellent moldability, especially for composites molding with other polyolefins
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Sustainable plastic solutions

Bio-Compounds

BIOFIBRE®	Compounds based on various sustainable and petrochemical polymers with natural fibre reinforcements; partly bio-degradable qualities available
MARFRAN.GREEN	TPE-S compounds containing up to 90% bio-content; hardness range 40-90 ShA; 2K-use with polypropylen; processing injection molding
WANTHANE®ECO	TPE-U polyester grades containing up to 75% bio-content; hardness range 70ShA – 64ShD; processing injection molding; polyether grades containing up to 70% bio-content; hardness range 70-95ShA; processing injection molding and extrusion

Polylactic Acid (PLA)

TOTALENERGIES CORBION LUMINY® High heat PLA	Film-, injection molding, thermoforming and fibers; higher heat resistance compared to standard PLA's. Various melt-viscosities available; products can be used as pure polymer and for compounding
TOTALENERGIES CORBION LUMINY® Low heat PLA	Medium and high viscosity polymers; typically used in hot seal layer of multi-layer film extrusion
TOTALENERGIES CORBION LUMINY® Standard PLA	Highly viscous, amorphous and transparent; applicable for film extrusion, thermoforming and fibre

Recycling

DINALON® rPA Recycling compounds	Post consumer (PCR) and post industrial (PIR) recycle based injection molding compounds with various reinforcements and modifications
Green Isoglass® rPP-GF	Post consumer recycle (PCR) injection molding compounds with glass fiber reinforcements, optimal mechanical properties, UV-stabilised, heat stabilised and flame retardants (Yellow cards)
MARFRAN.CIRCULAR TPE-S	TPE-S compounds based on Post Industrial (PIR) or Post Consumer (PCR) recycling products; hardness range 50-95 ShA; processing injection molding and extrusion
TOTALENERGIES Circular rPE	Post consumer recycle (PCR) based LDPE and HDPE grades
TOTALENERGIES Circular rPP	Post consumer (PCR) and post industrial recycle (PIR) grades, filled / unfilled and suitable for automotive applications
TOTALENERGIES Circular rPS	Post consumer recycle (PCR) for household applications
Waneco® rPC, rPC/ABS	Post Consumer (PCR) injection molding compounds with various reinforcements and flame retardants (Yellow cards)



Certified renewable polymers

TOTALENERGIES PE	ISCC Plus certified by mass balance; complete range of TOTALENERGIES portfolio available
TOTALENERGIES PP	ISCC Plus certified by mass balance; complete range of TOTALENERGIES portfolio available
TOTALENERGIES PS	ISCC Plus certified by mass balance; complete range of TOTALENERGIES portfolio available



Please request further delivery programs for the following application or product ranges:

Additives for engineering plastics

A-C® additives (polyethylene waxes)
Plastic additives

Flame retardants, fire protection additives & synergists

Lubricants, stabilizers & processing aids for PVC

Plastic additives

Nanoscaled additives

Plastic additives

Pigments & pigment preparations

Plastic additives

Productportfolio for the recycling industry



Nordmann Portfolio

Adhesives & Sealants

Agrochemicals

Catering & Equipment

Ceramics

Coatings & Inks

Composites

Construction

Electronics

Fine Chemicals

Flame Retardants

Food

Foundry

Health Care

HI&I

Industrial Chemicals

Monomers

Oil, Gas & Lubricants

Oleochemicals

Optical

Paper

Personal Care

Plastics

Polyurethane Elastomers

Rubber

Silicone Elastomers

Textile & Leather

Water Treatment

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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Germany
Hungary
Italy
Sweden
Poland
Portugal
Romania
Serbia
Slovakia
Slovenia
Spain
Switzerland
Turkey
United Kingdom



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