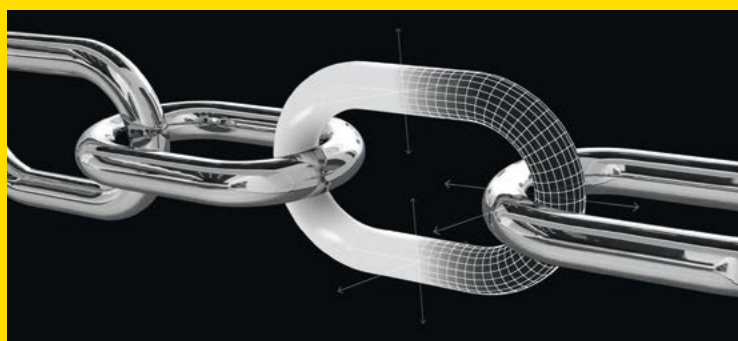


PRODUCT PORTFOLIO

TEREZ®
ENGINEERING PLASTICS
COMMODITIES



www.terplastics.com
www.tergroup.com

TER Plastics
POLYMER GROUP





WELCOME TO THE TER PLASTICS POLYMER GROUP YOUR SPECIALIST FOR PERFORMANCE POLYMERS!

We offer you a complete range of engineering plastics and commodities. We develop custom-made product solutions according to your individual requirements.

We are there for you in person with a pan-European sales network, flexible warehousing and our technical application experts who will accompany your projects from the start.

Are you working with plastics?
Then we are the right partner for you.

BENEFIT FROM ONE OF THE WIDEST RANGES OF ENGINEERING PLASTICS AND COMMODITIES

With one of the broadest portfolios of engineering thermoplastics and commodities in Europe and our comprehensive development know-how we are the independent consultant for your material selection. Our partnerships with internationally leading plastics producers ensure high-quality raw materials for you. And if it doesn't exist yet, we will develop it for you.

TEREZ® INDIVIDUALIZED PLASTICS

It is our goal to help fulfill your personal requirements and wishes. Our TEREZ® brand stands for the greatest know-how in plastics compounding. Originally, the recipes for our own brand were developed for special customer requirements but have long since become established market standards because of their exceptional properties and high demand.

Our high-performance plastics are setting new standards in metal replacement, the PTFE compounds are compelling due to their practically wear-free, friction optimized behavior resulting from a patented and unique chemical bonding of molecules.

Expect only the best from TEREZ® – we promise you highest performance, custom-made.

ACTIVE PARTNERSHIPS

We will work closely with you during the entire development process – from the selection of the appropriate materials and custom-made product developments to series production at your plant – we are there for you. Of course we will adapt our service offerings to the special requirements of your market segment. That means allround service for you that can save you time and money – and most of all will give you the assurance to not just having found a supplier but a competent and reliable partner.

WE OFFER STATE-OF-THE-ART PRODUCT SOLUTIONS

Metal replacement, tribology and sustainability – our outstanding expertise will help you address these challenges. Ideal for metal replacement, our polyamide portfolio is one of the broadest in the world. Our TEREZ® brand chemically coupled PTFE compounds, which exhibit an especially long-lasting lubricity effect, are absolutely unique. And if sustainability is also an important topic of interest for you, we are the right partner. You will find that a diverse offering of bio-based materials and resource-saving product solutions are available from us.



WE ARE SPECIALISTS FOR YOUR INDUSTRY

Special industries demand special plastics know-how. Our industry-specific solutions are as diverse as your challenges. We know the special requirements of your market and can respond specifically and with custom-made solutions with our comprehensive product portfolio and our long experience in development. Our materials are guaranteed to meet your tasks: be it technical challenges in the electrical industry, highest technical requirements for metal replacement in the automotive industry or the requirement for maximum design flexibility and highest aesthetic demands for high-quality packaging solutions.

HIGH-PERFORMANCE PLASTICS

Due to the continuous trend toward lightweight construction, sustainability and miniaturization, more and more technical applications can only be realized when plastics are used. For that purpose Ter Plastics offers a broad portfolio for the most diverse industry segments.

The TEREZ® **GT3** | **GT3X** series presents new possibilities for classic metal replacement. Levels of stiffness and strength in the conditioned state are comparable to levels with unconditioned parameters. For additional high-temperature requirements, the TEREZ® **HT 100** | **HT 200** | **HTE** series is the right material.

In addition, the own TEREZ® label offers the combination of visual and functional design aspects with TEREZ® **GT 2** and the TEREZ® **GALVANO** for plated surfaces with high strength.

The highly innovative TEREZ® **LFT** grades are highly suited for structural components with 30 - 60 % glass fiber content on the basis of high-performance polymers and granular lengths from 6 - 12 mm.

High-Performance Plastics

Producer	Brand	Product
DSM Engineering Plastics	ForTii® MX	PPA
	Stanyl®	PA46
	ForTii®	PA4T
	Xytron®	PPS
Polyplastics	DURAFIDE®	PPS
Solvay Engineering Plastics	Technyl One®	PA
	Technyl Red®	PA
	Technyl Red X®	PA
Sumitomo Chemical	Sumikasuper™	LCP
TEREZ PERFORMANCE POLYMERS	TEREZ®	PA66 semi-aromatic
	TEREZ®	PA46
	TEREZ® GALVANO	PA6
	TEREZ® GT 2	PA* MXD6
	TEREZ® GT 2X	PA* MXD6 reduced warpage
	TEREZ® GT 3	PA66 + PA6I/PA6T
	TEREZ® GT 3X	PA66 + PA6I/PA6T reduced warpage
	TEREZ® HT 100	PPA
	TEREZ® HT 200	PPA
	TEREZ® HTE	PPA
TEREZ® LFT	PA, PPA, PPS	

We also develop custom-made solutions for your special application requirements!





ENGINEERING PLASTICS

We offer one of the broadest product-portfolios of engineering plastics worldwide. Our partnerships with leading international plastics producers ensure reliable and high-quality raw materials for you. Our products are also available as powder at your request.

Engineering Plastics

Producer	Brand	Product
Chang Chun Plastics	CCP PBT	PBT, PBT-Blends
DSM Engineering Plastics	Akulon®	PA6, PA66
	Akulon® Ultraflow	PA6 improved flow
	Arnite® A	PET
	Arnite® T	PBT
	Arnitel®	TPC
Evonik Performance Materials	Plexiglas®	PMMA
	Pleximid®	PMMI
Franplast	Chemiton®	TPS, based on: SEBS
	Franprene®	TPS, based on: SBS
Grupa Azoty	Tarnoform®	POM Copolymer
LOTTE Advanced Materials	Infino®	PC
	Infino®	PC/ABS
	Infino®	PC/ASA
	Infino®	PC/PET
	Starex®	ABS
	Starex®	ASA
Mitsubishi Engineering-Plastics	Xantar®	PC
	Xantar® C	PC/ABS
	Xantar® E	PC/PET
Polycasa	Polycasa® Acryl	PMMA
Polyplastics	DURACON®	POM Copolymer
PolyTherm	Polylan®	TPU, based on: Ester, Ether
Sabic	Stamax®	PP long glass fiber reinforced



Engineering Plastics

Producer	Brand	Product
Solvay Engineering Plastics	Technyl®	PA6, PA66, PA66/6 Copolyamid
	Technyl Star®	PA6, PA66 improved flow
Teknor Apex	Sarlink®	TPV, TPS
	Monprene®	TPS, based on: SEBS
	Elexar®	TPS, based on: SEBS
TEREZ PERFORMANCE POLYMERS	TEREZ®	ABS
	TEREZ®	ASA
	TEREZ®	SAN
	TEREZ®	PA6
	TEREZ®	PA66
	TEREZ®	PA6, PA66 PTFE chemically bonded
	TEREZ®	PA/ABS
	TEREZ®	PA/PP
	TEREZ®	PBT
	TEREZ®	PBT/ABS
	TEREZ®	PC
	TEREZ®	PC/ABS
	TEREZ®	PC/ASA
	TEREZ®	PET
TEREZ®	PMMA	
Toray	Toyolac®	ABS
	Toyolac®	ASA
	Toyolac®	SAN
	Toyolac®	MABS
	Toyolac®	PC/ABS
	Toyolac®	ABS/PET
	Amilan®	PA
Versalis	Kostil®	SAN
	Sinkral®	ABS

THERMOSETS

For applications requiring heat resistance, very low flammability, high strength and stiffness, our thermosets are the material of choice. In the electrical and electronics area they are used as a replacement for aluminum and other metals, just like in the automotive industry.

Thermosets

Producer	Brand	Product
Hexion	Bakelite®	Phenolic Resin
	Bakelite®	Polyester Resin
	Bakelite®	Epoxy Resin
	Keripol®	Polyester Resin



BIO-BASED PLASTICS

While biologic raw materials never quite lost their significance in the age of petroleum, their importance has increased significantly with the knowledge of the shortage of fossil raw materials. Today, bio-based products are present in all areas of our daily lives. The basis for bio-based plastics are agriculturally produced raw materials.

Polyamide based on castor oil

In case of bio-polyamides, the castor oil plant delivers the required oil basis to a large extent. The DSM EcoPaXX (PA 4.10) is characterized by excellent chemical resistance and decreased moisture uptake, combined with a high melting point and high crystallization speeds. Technyl eXten (PA 6.10) from Solvay also exhibits CO₂ neutrality, reduced moisture uptake and very good chemical resistance. Since this is a long chain polyamide, it is considered as an alternative product to PA 12 qualities. Our TEREZ® PA ECO series is based on PA 6.10, 10.10 and 10T.

Bio-based Plastics

Producer	Brand	Product
DSM Engineering Plastics	EcoPaXX™	PA4.10
	Arnitel® Eco	TPC
Ercros	Ercros Bio	PLA, PHA
Franplast	Chemiton Life	TPS
Solvay Engineering Plastics	Technyl® eXten	PA6.10
TEREZ PERFORMANCE POLYMERS	TEREZ® Eco	PA6.10, PA10.10, PPA
Toray	Toyolac®	Green natural rubber ABS

We are happy to customize our TEREZ® Eco products to your individual needs and requirements.



COMMODITIES

Best quality, fast reaction times and a comprehensive logistics network make us your ideal partner for commodities. We deliver PE, PP and PS reliably and at daily updated prices. We negotiate competitive prices on behalf of our customers. All of our products are also available as a powder.

Commodities

Producer	Brand/Material	Product
Chevron Phillips Chemicals	Marlex®	HDPE
	Marlex®	PPH
Clariant		Additives
Sidpec	Egyptene	HDPE
Total Petrochemicals and Refining	Polyethylene	HDPE
	Polypropylene	PPH, PPC, PPR
	Lumicene®	PP Metallocene
	Finalloy®	PP Automotive Compounds
	Aceso®	PP for medical applications
	Polystyrene	PS crystal
	Polystyrene	PS impact modified
Uz-Kor Gas Chemical	Polystyrene	PS flame retardant
	Polyethylene	HDPE
Versalis	Clearflex®	VLDPE
	Eraclene®	HDPE
	Flexirene®	LLDPE
	Greenflex®	EVA
	Pharmalene®	EVA, LDPE, LLDPE, HDPE
	Riblene®	LDPE

Numerous types are also available as powder.



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