

# PRODUCT PORTFOLIO

TEREZ®  
ENGINEERING PLASTICS  
COMMODITIES



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TER Plastics  
POLYMER GROUP



YOUR  
SPECIALIST FOR  
PERFORMANCE  
POLYMERS



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# 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. With our pan-European sales network, flexible warehousing and our technical application experts we will support you and your projects personally right 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 you high-quality raw materials. And if there is something missing, we will develop individual solutions 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. However, these products have become established brand standards because of their exceptional properties and high demand.

Our high-performance plastics are setting new standards in metal replacement. PTFE compounds are compelling due to their 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 together during the entire development process. From the selection of the appropriate materials and custom-made product developments up to series production at your plant – we are at your service. We will adapt our service offerings to the special requirements of your market segment. That means all-round service for you that saves 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. Solutions for metal replacement can be found in our polyamide portfolio which is one of the broadest in the world.

Our chemically coupled PTFE compounds, of our TEREZ® brand, exhibit an especially long-lasting lubricity effect, are absolutely unique. And if sustainability is also an important topic of interest to you, we are the right partner. With TER Plastics POLYMER GROUP you will find a wide range of bio-based materials and resource-saving product solutions.



# 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, are capable to respond specifically with custom-made solutions of our comprehensive product portfolio and our long-term competence in development. Our materials will certainly meet your challenges such as technical requirements in the electrical industry, the highest requirements of metal replacement in the automotive industry or the demand for maximum design freedom and the 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 by using high performance polymers. For that purpose, TER Plastics offers a broad portfolio for the most various 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. Our product TEREZ® **HT100** offers the right material.

In addition, the own label TEREZ® offers the combination of visual and functional design aspects with TEREZ® **GT2** for plated surfaces with high strength.

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



# High-Performance Plastics

Producer	Brand	Product
Chang Chun Plastics	Longlite®	PPSU
DOMO	Technyl One®	PA
	Technyl Red S®	PA
	Technyl Red J®	PA
DSM Engineering Materials	ForTii® Ace	PA4T
	ForTii®	PA4T
	Stanyl®	PA46
	Xytron®	PPS
Polyplastics	DURAFIDE®	PPS
Sumitomo Chemical	SUMIKAEXCEL™	PES
	SUMIKASUPER™	LCP
TEREZ PERFORMANCE POLYMERS	TEREZ® <b>GT2</b>	PA* MXD6
	TEREZ® <b>GT3</b>	PA66+PA6I+PA6T
	TEREZ® <b>GT3X</b>	PA66+PA6I+PA6T reduced warpage
	TEREZ® <b>HT</b>	PA6T+PA6I
	TEREZ® <b>XT</b>	PA46
	TEREZ® <b>LFT</b>	PA, PP

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 you reliable and high-quality raw materials. Our products are also available as powder on request.

# Engineering Plastics

Producer	Brand	Product
Celanese	Tarnoform® CE	POM Copolymer
Chang Chun Plastics	Longlite® PBT	PBT, PBT-Blends
DOMO	Technyl®	PA6, PA66, PA66+6 Copolyamid
	Technyl Star®	PA6, PA66 improved flow
DSM Engineering Materials	Akulon®	PA6, PA66
	Akulon® Ultraflow	PA6 improved flow
	Arnite® A	PET
	Arnite® T	PBT
	Arnitel®	TPC
EXXON Mobil	Vistamaxx™ performance polymers	TPO, Additives
Franplast	Chemiton®	TPS, based on: SEBS
	Franprene®	TPS, based on: SBS
LOTTE CHEMICAL	Infino®	PC
	Infino®	PC+ABS
	Infino®	PC+ASA
	Infino®	PC+PET
	Starex®	ABS
	Starex®	ASA
	Starex®	SAN
Mitsubishi Engineering-Plastics	Xantar®	PC
	Xantar® C	PC+ABS
	Xantar® E	PC+PET
Polycasa	Polycasa® Acryl	PMMA
Polyplastics	DURACON®	POM Copolymer
	DURANEX®	PBT
PolyTherm	Polylan®	TPU, based on: Ester, Ether



# Engineering Plastics

Producer	Brand	Product
RÖHM	Plexiglas®	PMMA
	Pleximid®	PMMI
SK Chemicals	SKYPEL®	TPE
Teknor Apex	Sarlink®	TPV, TPS
	Monprene®	TPS, based on: SEBS
	Elexar®	TPS, based on: SEBS
TEREZ PERFORMANCE POLYMERS	TEREZ® M	ABS
	TEREZ® S	ASA
	TEREZ® N	SAN
	TEREZ® P	PP reinforced
	TEREZ® B	PA6
	TEREZ® A	PA66
	TEREZ® A, B TF	PA6, PA66 PTFE chemically bonded
	TEREZ® BM	PA+ABS
	TEREZ® BP	PA+PP
	TEREZ® D	PBT
	TEREZ® L	PC
	TEREZ® LM	PC+ABS
	TEREZ® LS	PC+ASA
	TEREZ® F	PET
	TEREZ® K	PMMA
TEREZ® O	POM	
Toray	Toyolac®	ABS
	Toyolac®	ASA
	Toyolac®	SAN
	Toyolac®	MABS
	Toyolac®	PC+ABS
Versalis	Kostil®	SAN
	Sinkral®	ABS

# THERMOSETS

For applications where heat resistance, flame retardancy, high strength and stiffness are required, our thermosets are the material of choice. Often used as a substitute for aluminum and other metals, they are also used in the E+E sector as well as in the automotive and household industries.

## Thermosets

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



## TEREZ® ECO

The TEREZ® ECO product range stands for 40 years of experience in material recycling. The specific selection of raw materials, additives and coordination of the production facilities result in an innovative product portfolio for technical applications.

## BIO-BASED PLASTICS

In case of bio-polyamides, the castor oil plant provides the required oil basis to a large extent. The DSM EcoPaXX (PA 4.10) is characterized by excellent chemical resistance and reduced moisture absorption, combined with a high melting point and high crystallization speeds. Technyl eXten (PA 6.10) from Solvay also exhibits CO<sub>2</sub> neutrality, reduced moisture absorption and very good chemical resistance. Since it is a long-chain polyamide, it is considered as an alternative product to PA 12 qualities.



## TEREZ® ECO

Producer	Brand	Product
TEREZ PERFORMANCE POLYMERS	TEREZ® ECO BE	PA6
	TEREZ® ECO AE	PA66
	TEREZ® ECO ABE	PA66+6
	TEREZ® ECO DE	PBT
	TEREZ® ECO P	PP
	TEREZ® ECO LE	PC
	G-Blend	PC+ABS



## Bio-based Plastics

Producer	Brand	Product
DOMO	Technyl® eXten	PA6.10
DSM Engineering Materials	EcoPaXX™	PA4.10
	Arnitel® ECO	TPC
Franplast	Chemiton Life	TPS

DOMO



franplast<sup>TPE</sup>

# 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 our products are also available as powder.



# Commodities

Producer	Brand/Material	Product
Chevron Phillips Chemicals	Marlex®	HDPE
	Marlex®	PPH
Clariant		Additives
LG Chem	Lucene™	mLLDPE C6
Polychim Industrie	Polychim	PPH
Sidpec	Egyptene	HDPE
Total Energies	Polyethylen	HDPE
	Polypropylen	PPH, PPC, PPR
	Lumicene®	PP / PE Metallocene
	Finalloy®	PP Automotive Compounds
	Aceso®	PP for medical applications
	Polystyrol	PS, PSGP, PSHI, PSFR
Versalis	Clearflex®	VLDPE
	Edistir®*	PSGP, PSHI, PSFR
	Eraclene®	HDPE
	Flexirene®	LLDPE
	Greenflex®	EVA
	Pharmalene®	EVA, LDPE, LLDPE, HDPE
	Riblene®	LDPE

Numerous types are also available as powder.

\* Available only in Austria



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