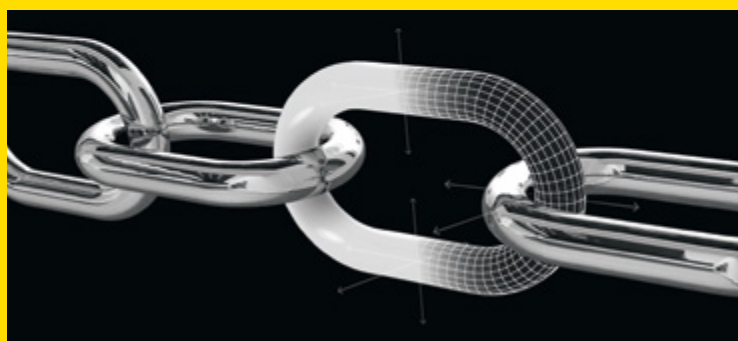


PRODUCT PORTFOLIO CENTRAL-EASTERN-EUROPE
PORTFOLIO PRODUKTOWE EUROPA CENTRALNO-WSCHODNIA
DODACÍ PROGRAM CENTRALNÍ-VÝCHODNÍ EVROPA

TEREZ®
ENGINEERING PLASTICS
COMMODITIES



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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**. And 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 all-round 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 substitution 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.

Stanyl from DSM is characterized by high heat resistance and mechanical properties at high temperatures. This is complemented by good abrasion properties. Stanyl ForTii was developed specifically for the electronics area and exhibits excellent electrical properties, halogen-free flame protection solutions, and low humidity sensitivity for the surface mounting using SMT (Surface Mount Technology) THR (Trough Hole Reflow) soldering technology.

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** | **HT2** | **HTE** series is the right material.

High-Performance Plastics			Poland	Czech Republic/Slovakia	Hungary	Romania	Bulgaria	Slovenia
Producer	Brand/Material	Product						
DSM Engineering Plastics	Stanyl®	PA46	■	■	■	■	■	■
	Stanyl® ForTii™	PA4T	■	■	■	■	■	■
Sumitomo Chemical	Sumikasuper	LCP	■	■	■	■	■	■
Ter Plastics	TEREZ® HT	PPA	■	■	■	■	■	■
	TEREZ® HT2	PPA	■	■	■	■	■	■
	TEREZ® HTE	PPA	■	■	■	■	■	■
	TEREZ®	PA66 semi-aromatic	■	■	■	■	■	■
	TEREZ®	PA46	■	■	■	■	■	■
	TEREZ® GT3	PA66 + PA6I/PA6T	■	■	■	■	■	■
	TEREZ® GT3X	PA66 + PA6I/PA6T reduced warpage	■	■	■	■	■	■

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

■ available
□ on request
– not available





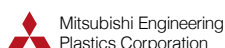
ENGINEERING PLASTICS

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/Material	Product	Poland	Czech Republic/Slovakia	Hungary	Romania	Bulgaria	Slovenia
Chang Chun Plastics	CCP PBT	PBT, PBT-Blend	■	■	■	■	■	■
Chevron Phillips Chemicals	K-Resin®	SBC	■	■	■	–	–	–
DSM Engineering Plastics	Akulon®	PA6, PA66	■	■	■	■	■	■
	Akulon® Ultraflow®	PA6 improved flow	■	■	■	■	■	■
	Arnite® A	PET	■	■	■	■	■	■
	Arnite® T	PBT	■	■	■	■	■	■
	Arnitel®	TPC	■	■	■	■	■	■
Evonik Industries	Plexiglas®	PMMA	–	–	–	–	–	–
Franplast	Chemiton®	TPS, basis: SEBS/SEPS	–	■	■	■	■	■
	Franprene®	TPS, basis: SBS	–	■	■	■	■	■
Grupa Azoty	Tarnoform®	POM Copolymer	–	■	■	■	■	■
Mitsubishi Engineering Plastics	Xantar®	PC	■	■	■	■	■	■
	Xantar® C	PC/ABS Blend	■	■	■	■	■	■
	Xantar® E	PC/PET Blend	■	■	■	■	■	■
Polycasa	Polycasa® Acryl	PMMA	■	■	■	■	■	■
Polyplastics	Duracon®	POM Copolymer	■	■	■	■	■	■
PolyTherm	Polylan®	TPU, Basis: Ester, Ether	–	–	■	■	■	■
Sabir	Stamax®	PP long glass fiber reinforced	–	–	–	–	–	–
Solvay Engineering Plastics	Technyl®	PA6, PA66, PA66/6 Copolyamid	–	–	–	–	–	–
	Technyl Star®	PA6, PA66 improved flow	–	–	–	–	–	–

■ available
□ on request
– not available



Engineering Plastics

Producer	Brand/Material	Product	Poland	Czech Republic/Slovakia	Hungary	Romania	Bulgaria	Slovenia
Samsung SDI	Infino [®]	PBT	-	-	■	□	-	-
	Infino [®]	PC	-	-	■	□	-	-
	Infino [®]	PC/ABS	-	-	■	□	-	-
	Infino [®]	PC/ASA	-	-	■	□	-	-
	Infino [®]	m-PPE	-	-	■	□	-	-
	Starex [®]	ABS	-	-	■	□	-	-
	Starex [®]	ASA	-	-	■	□	-	-
Teknor Apex	Sarlink [®]	TPV, TPS	■	■	■	■	■	■
	Monprene [®]	TPS	■	■	■	■	■	■
	Elexar [®]	TPV, TPS	■	■	■	■	■	■
Ter Plastics	TEREZ [®]	ABS	■	■	■	■	■	■
	TEREZ [®]	ASA	■	■	■	■	■	■
	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	■	■	■	■	■	■
	TEREZ [®]	POM Copolymer	■	■	■	■	■	■
	TEREZ [®]	SAN	■	■	■	■	■	■
Versalis	Kostil [®]	SAN	-	-	-	-	-	-
	Sinkral [®]	ABS	-	-	-	-	-	-

SAMSUNG SDI



TEKNOR APEX



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			Poland	Czech Republic/Slovakia	Hungary	Romania	Bulgaria	Slovenia
Producer	Brand/Material	Product						
Hexion	Bakelite®	Phenolformmassen (PF)	-	-	□	-	-	-
	Bakelite®	Polyesterformmassen (UP)	-	-	□	-	-	-
	Bakelite®	Epoxidformmassen (EP)	-	-	□	-	-	-
	Keripol®	Polyesterformmassen (UP)	-	-	□	-	-	-

■ available

□ on request

- not available



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.

Products based on lactic acid

Our TEREZ® NatureGran product series consists of up to 99 percent renewable raw materials (polylactic acid – PLA). The products can be used in all application areas where usually PP, HDPE, PS and ABS are used.

Bio-based Plastics

Producer	Brand/Material	Product	Poland	Czech Republic/Slovakia	Hungary	Romania	Bulgaria	Slovenia
DSM Engineering Plastics	EcoPaXX™	PA4.10	■	■	■	■	■	■
	Arnitel® Eco	TPC	■	■	■	■	■	■
Solvay	Technyl® eXten	PA6.10	-	-	-	-	-	-
Ter Plastics	TEREZ® Eco	PA6.10, PA10.10, PPA	■	■	■	■	■	■
	TEREZ® NatureGran	PLA	■	■	■	■	■	■

■ available
 □ on request
 - not available

We are happy to customize our TEREZ® Eco and NatureGran 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	Poland	Czech Republic/Slovakia	Hungary	Romania	Bulgaria	Slovenia
Chevron Phillips Chemicals	Marlex®	HDPE	-	-	■	-	-	-
	Marlex®	PPH	-	-	■	-	-	-
Polimarky	Reslen®	PPH/PPC Compounds	-	□	□	□	□	□
	Reslen®	PE Compounds	-	□	□	□	□	□
SIBUR	Polypropylene	PPH	-	-	■	■	■	-
	Polyethylene	LDPE	-	-	■	■	■	-
Total Petrochemicals and Refining	Polyethylene	HDPE	■	□	□	□	□	□
	Polypropylene	PPH, PPC, PPR	■	□	□	□	□	□
	Polypropylen Lumicene®	Polypropylen Metallocene	■	□	□	□	□	□
	Polypropylene	PP Automotive Compounds	□	□	□	□	□	□
	Polypropylene	for medical applications	■	□	□	□	□	□
	Polystyrene	PS crystal-clear, impact-resistant	■	□	□	□	□	□
	Polystyrene	PS flame retardant	■	-	-	-	-	-
Versalis	Clearflex®	VLDPE	-	-	-	-	-	-
	Flexirene®	LLDPE	-	-	-	-	-	-
	Greenflex®	EVA	-	-	-	-	-	-
	Riblene®	LDPE	-	-	-	-	-	-

■ available
 □ on request
 - not available



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