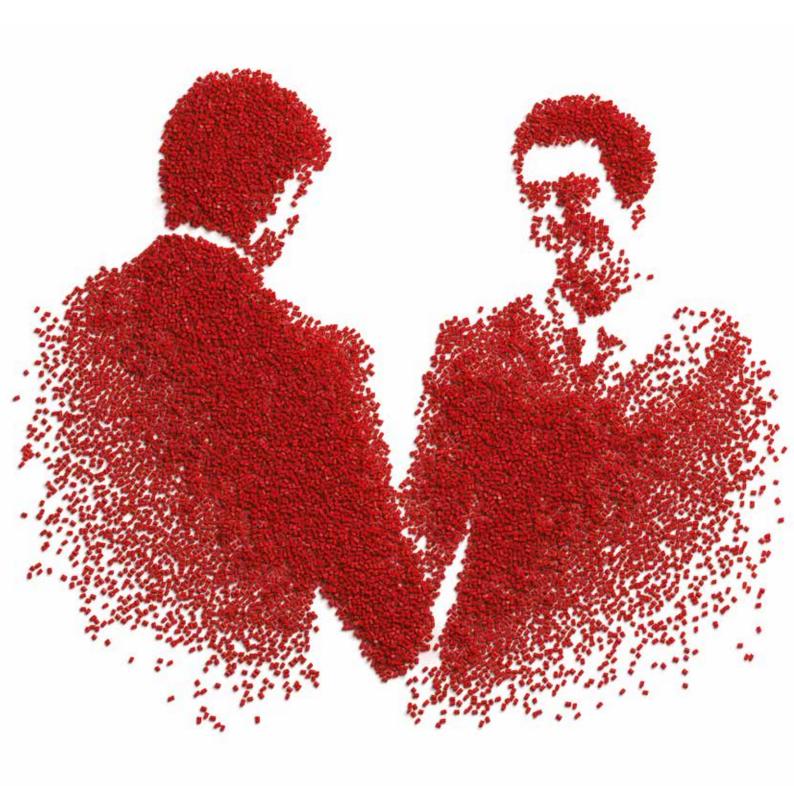


# **PRODUCT GUIDE**

POLAND



# WE REPRESENT LEADING BRANDS

Ultramid® A, B, C, T, Balance

Ultradur®

Ultraform®

Ultramid® Extrusion

Ultramid® Advanced N

Ultrason® E

Ultrason® S

Ultrason® P

PA66, 6, 6/66, 6/6T, 6.10

PBT, PBT Blends

POM

PA6, 66, 6/66 Extrusion

PPA

PESU

PSU

**PPSU** 



INEOS STYROLUTION

Luran®

Luran® S

Luran® S/C

Novodur®

Terblend® N. S

Terlux®

Styroflex®

Styrolux<sup>®</sup>

 $\mathsf{NAS}^{\text{\tiny{(8)}}}$ 

Zylar®

Terluran®

Styrolution PS

SAN, AMSAN

ASA

ASA/PC

ABS Specialities (High Heat, Healthcare etc.)

ABS/PA, ASA/PA

MABS

SBC Thermoplastic Elastomer

SBC

SMMA

MBS

ABS Standard

GPPS, HIPS

# WE REPRESENT LEADING BRANDS

Makrolon <sup>®</sup>	PC
Bayblend® •	PC/ABS
Makroblend®	PC/PBT
Apec®	PC-HT
Desmopan <sup>®</sup>	TPU
Texin®	TPU
Hostacom <sup>®</sup>	PP-Compound   yondellbasell
HIFAX (coloured)	PP-Compound
Hostalen PP (coloured)	PP-Compound
Softel® (coloured)	PP-Compound
Post Consumer Recyclat	ABS, PS, PP MBAPOLYMERS
EvoSource <sup>TM</sup>	ABS, PS, PP, PC/ABS
Amphora <sup>TM</sup>	3D Printing Polymer EASTMAN
Evoprene®	TPS <b>mexichem</b> . Specialty Compounds
Garaprene®	PVC
Solplast <sup>®</sup>	TPS <b>UTEKSOL</b>
Arboform®	Lignin-based polymer with natural fibers
Arboblend <sup>®</sup>	Biopolymere with natural additives and natural fibres
Arbofill <sup>®</sup>	Combination of plastics and natural materials

Moplen®

Lupolen®

Hostalen®

Clyrell®

Adstif®

Stretchene®

Lucalen®

Histif

Purell®

Petrothene®

Luflexen®

Softel® (non-coloured)

Adflex®

 $\mathsf{Adsyl}^{\mathbb{R}}$ 

HIFAX (non-coloured)

Hiflex

Toppyl

Koattro

PP (HOMO, COPO, RACO)

PE-LD, PE-MD, PE-HD

PE-HD, PP

PP (COPO, RACO) impact resistant

PP (HOMO, COPO) high stiffness

PP (RACO)

PE Copolymer

PE-HD

PE, PP for Healthcare

PE-HD based Compound

PE-LLD

PP-Catalloy

PP-Catalloy

PP-Catalloy

PP-Catalloy

PE-Catalloy

Polybutene (PB-1)

Polybutene (PB-1)

Masterbatch Range

for Polyolefins

Black-Masterbatch

White-Masterbatch

Additive-Masterbatch

Color-Masterbatch



Mpacet

<b>TORAY</b> Toray Industries, Inc.	Branched PPS Compounds	TORELINA®
STPOL VOCATA (TALIANA POLIATE)	TPC	Sipolprene <sup>®</sup>
VAMP	PP FR	Vamplen®
Advanced Modified Polymers	PA6 FR, PA66 FR	Vampamid <sup>®</sup>
	PBT FR, PBT + PC FR	Vampter®
	PS FR	Vampstyr <sup>®</sup>
	ABS FR	Vampsab®
	PC/ABS FR, PA + PPS FR	Vampalloy®
	PC FR	Vampcarb®
	PSU FR	Vampsulf <sup>®</sup>
	PPS FR	Vampson®
	PPEm FR	Vamporan®
SOLVAY adding more from chemistry.	PPA	Amodel®
asking more from chemistry:	LCP	Xydar <sup>®</sup>
	PEEK	KetaSpire®
	PAEK	AvaSpire®
ROMİRA	PPE, PS + PPE	Luranyl <sup>®</sup>

# OUR BRANDS

#### **ALCOM®**

Speciality Compounds

- · Light guiding, light blocking, light diffusion
- Wear Protect
- · Electrical conductivity
- Thermally conductive
- Electromagnetic shielding
- Magnetically detectable
- Color-Effect Compounds
- Compounds for medical, pharmaceutical or diagnostic applications

#### ALFATER XL®

TPV-(PP+EPDM)

- Broad product portfolio consisting of standard compounds and various specialties
- · Very good mechanical properties
- · Excellent flow characteristics
- Good resistance to weathering and temperature as well as ozone and chemicals
- · Good temperature resistance

#### **ALCOLOR®**

Color concentrates as well as combibatches for engineering reisns

- Individual colour matches
- Combination with Additives (e.g. UV)
- Injection Molding, Extrusion, Compounding

#### **ALPERFORM®**

Additive Masterbatches for various polymers

- Antioxidants, UV Stabilizers, Laser Sensitive, Anti Statics, etc.
- Focus on Engineering Plastics
- Complemented by Lupolen (PE) and Novolen (PP) Additive Concentrates

#### **ALTECH®**

All Polymers

- Technical compounds
- Glass fibres, mineral and renewable filling materials
- Polymer blends
- Customer-specific additives
- Customer-specific colouring

### ALTECH® ECO

Sustainable Compounds

- · Plastic recycling for positive ecological balance
- Near-to-prime quality
- Customised properties using various fillers and additives
- Cost efficient

## **ALTECHNXTPP®**

Advanced Polypropylene Compounds

- High rigidity
- · Weight reduction low density
- Cost effective
- Easy processability
- Good heat ageing resistance
- · Isotropic shrinkage

#### **TEDUR®**

Linear PPS Compounds

- Very high continuous use temperature up to 240°C
- Outstanding resistance to hydrolysis and chemicals
- Flame retardant UL94V-0 at 0.8 mm
- Low tendency to creep even at elevated temperatures
- · Very high rigidity and hardness

#### **HYGIENIC MATERIALS Biomaster Protected**

- · Built in antimicrobial surface protection
- Based on Silver Ion technology
- Available as ALPERFORM®
   Masterbatches in various polymers
- Available as ALCOM® Compounds in various polymers



### SHELFPLUS® O2

Oxygen Scavenger - Iron based

- Masterbatch (PE, PP, EVA, PA, PS)
- Recyclable
- · Oxygen scavenging for rigid and flexible packaging
- Improvement of shelf life, color- and taste preservation
- Food-, Industrial- and Cosmetic Packaging

#### **CELLÍDOR®**

CAB, CP

- Renewable natural material (cellulose)
- High surface gloss
- Antistatic properties
- · Self-polishing effect
- Excellent light transmission
- Good flowability
- · Not stress crack-sensitive

## **ULTRAMID**<sup>®</sup>**S**

PA6.10

- · Low moisture absorption
- Good dimensional stability
- Very tough, good wear resistance

# MARKET EXPERTISE

#### **Automotive**

Specially modified material solutions:

- Lighting systems
- Interior
- Exterior
- Under-the-bonnet



### Healthcare

- Medical Devices
- Invitrodiagnostics
- Labware & Disposables
- Pharmaceutical Packaging
- Regulatory Support & Certifications
- Customized Compound Solutions



# Electrical & Electronics (E&E)

Compounds with special properties for:

- Casings
- Function parts
- Displays
- Operating elements
- Assemblies subject to heavy loads
- Metal substitutes
- Flame retardant UL 94 V-0 Glow Wire



## **Packaging**

- Active packaging, oxygen absorber
- Transparency for packaging
- Caps & Closures, bottles
- Films
- Masterbatch
- Green Selection



#### **Production sites**

DE-Hamburg

DE-Obernburg

DE-Zülpich

GB-Knutsford

SK-Humenné

CN-Changshu

US-Duncan

#### **ALBIS** worldwide

Austria · Czech Republic · France · Germany Great Britain · Hong Kong · Hungary · Italy Malaysia · Mexico · Netherlands · Poland PR China · Romania · Russia · Slovakia · Spain Sweden · Switzerland · Tunisia · Turkey · USA

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