

P O  
L Y  
M I X



*Your Product  
Our Passion...*

[www.polymix.com.tr](http://www.polymix.com.tr)





YOUR PRODUCT  
OUR PASSION

## WHO WE ARE?

**POLYMIX Petrochemical Industry and Trade Inc.**, is a leading compounder company operating in the field of polymer compounds and blends. Under the POLYMIX brand, it strengthens its place in the sector by supplying high quality industrial polymer raw materials needed by Turkish and European manufacturers. As an official member of PAGEV (Turkish Plastic Industrialists' Research, Development and Education Foundation), it is an outstanding company that progresses determinedly with its passion for its goals and business by optimizing its business operations and with the principle of continuous development. With its strong engineering team and innovative vision, it has adopted reliable product quality as a mission. Thanks to its wide product range, it offers competitive, flexible and fast special solutions to its stakeholders, increasing the opportunities to achieve targeted results. It is positioned among the leading companies in the engineering plastics, elastomers and masterbatch categories.

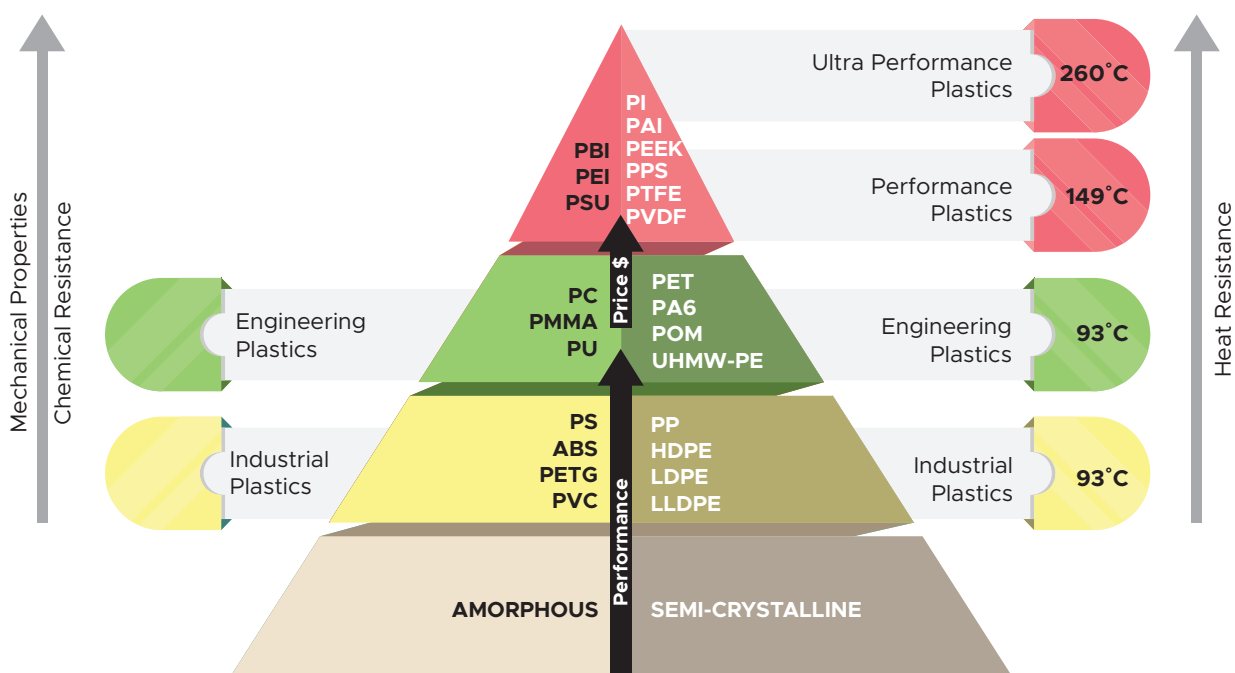


## OUR PRODUCT RANGE

### HIGHLIGHTED PRODUCTS OF POLYMIX

As POLYMIX, we proudly introduce the OXAMID, OXOPYLYNE, and OXETILEN groups, reflecting our innovative approach within the engineering plastics sector. In the masterbatch category, our OXMASTER brand offers advanced solutions specially formulated for engineering plastics. With enhanced additives, it optimizes the mechanical and aesthetic properties of the polymer matrix, delivering superior performance and durability for industrial applications. Additionally, with our OXELAST brand in the thermoplastic elastomer segment, we provide smart, innovative solutions to our industrial partners, sharing the pride of being a strong solution partner. POLYMIX's prestigious brands represent the highest standards of quality, reliability, and performance, contributing to engineering excellence in the industry.


Product Name	Product Type
OXAMID	<b>PA 6 &amp; PA 66 COMPOUNDS</b>
	OXAMID GF - Glass Reinforced
	OXAMID UV - UV Stabilized
	OXAMID HI - High Impact
	OXAMID HR - Heat Resistance
	OXAMID FR - Flame Retardant
OXOPYLEN	<b>POLYPROPYLENE COMPOUNDS</b>
	OXOPYLEN GF - Glass Reinforced
	OXOPYLEN MF - Mineral Filled
	OXOPYLEN FR - Flame Retardant
OXETILEN	<b>POLYETHYLENE COMPOUNDS</b>
	OXELITEN GF - Glass Reinforced
	OXELITEN MF - Mineral Filled
	OXELITEN UV - UV Stabilized
OXMASTER	<b>MASTERBATCH</b>
	OXMASTER ADD - Additive Masterbatch
	OXMASTER FILL - Filler Masterbatch
OXELAST	<b>TPE COMPOUNDS</b>
	EPDM & SEBS based Thermoplastic Elastomer Compounds

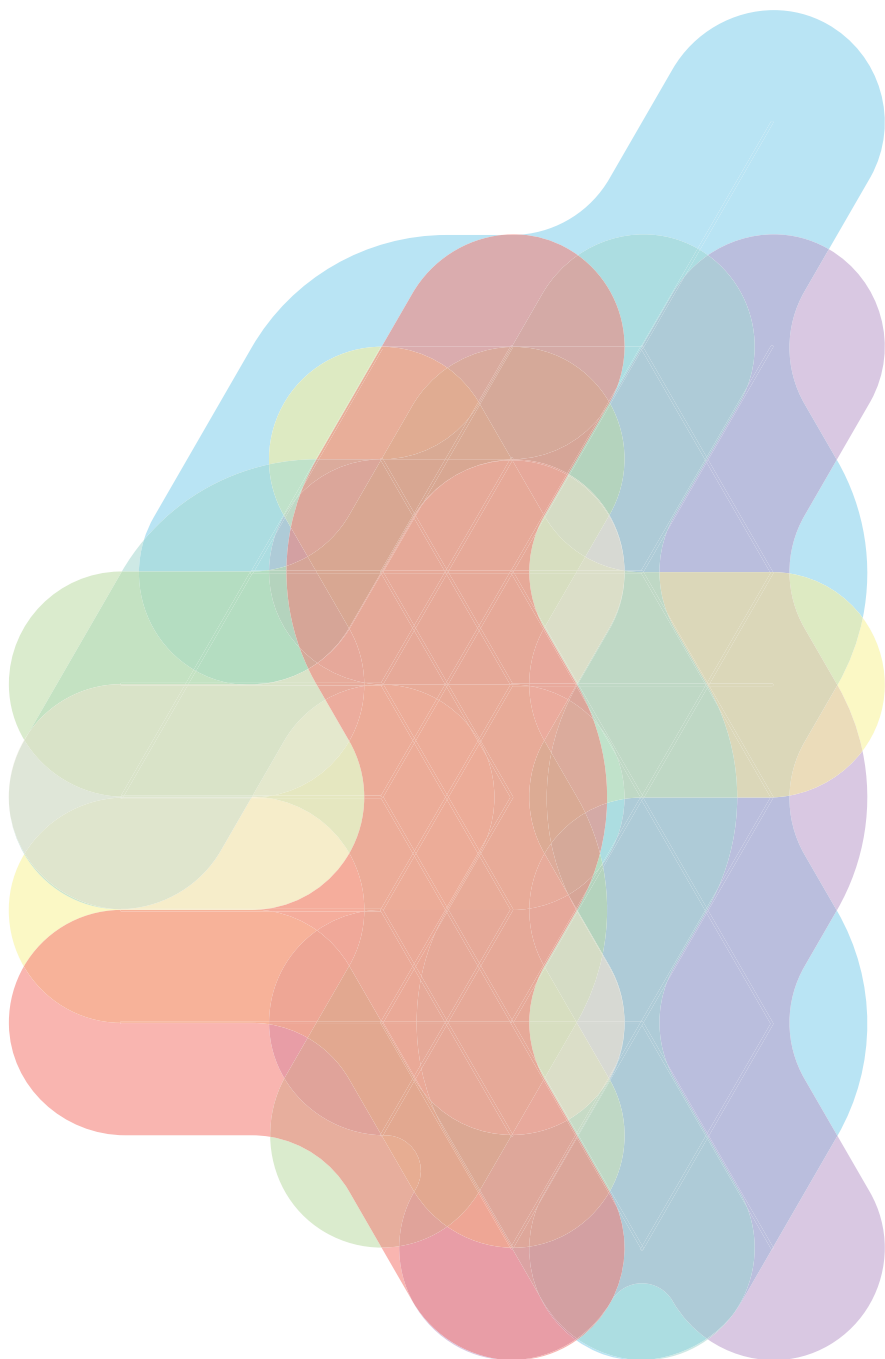


## CHARACTERISTICS

Performance & Properties	Material Type					
	PA6	PA66	PP	PE	MASTERBATCH	TPE-EPDM BASED
	OXAMID		OXOPYLEN	OXETILEN	OXMASTER	OXELAST
Unfilled						
Glass Fiber Filled						
Mineral Filled						
Flame Retardant						
Low-Temperature Resistance						
Wear Resistance						
Hydrolysis Resistance						
High Impact						
Heat Stabilized						
UV Stabilized						
Custom Color						
Anti-Oxidation						
Electrical Insulation						
Electrostatic Discharge						
Acoustic Insulation						
Low Moisture Absorption						
Low Gas Permeability						
Additive						
Shore A						
Shore D						

# OUR PRODUCTS

	<b>OXAMID</b>	<b>04</b>
	<b>OXOPYLEN</b>	<b>06</b>
	<b>OXETILEN</b>	<b>08</b>
	<b>OXMASTER</b>	<b>10</b>
	<b>OXELAST</b>	<b>12</b>





# OXAMID

## POLY MIX

Electronic ....



.... Automotive



Packaging ....



.... Sports  
Equipment





# OXAMID

## POLY MIX

### Properties of OXAMID 6 & OXAMID 66 COMPOUND



**Superior Chemical Resistance**  
Reliable performance in harsh chemical environments



**High Impact Resistance**  
and durability in harsh conditions



**Long-Lasting Performance**  
with Advanced Mechanical and Heat Resistance



**Dimensional Stability**  
Stability even at the most precise tolerances



**Excellent Hardness and Toughness**  
The pinnacle of material strength



**UV Resistance**  
Excellent protection against external environments



**Flexibility and Superior Surface Quality**  
Meeting of aesthetics and functionality



**Fire Safety**  
with flame retardant options

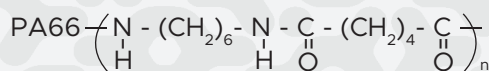


**Ease of Production**  
Thanks to high processability



**Recycling Opportunity**  
Environmentally friendly approach for sustainable solutions

## WHAT IS OXAMID?



With our OXAMID PA 6 compounds, we offer high-performance solutions in the electronics, automotive, packaging and sports equipment sectors in line with the demands of our stakeholders.

**We redefine perfection!** Our products are designed to be reinforced, optimized with advanced additives or enriched with special color options according to our customers' needs. We aim to meet industrial expectations at the highest level by offering solutions shaped with superior quality and precision, with our special engineering approach for each project. Implement the solutions of the future today with OXAMID!

OXAMID GF	OXAMID UV	OXAMID HI	OXAMID HR	OXAMID FR
✓	✓	✓	✓	✓
Glass Reinforced	UV Stabilized	High Impact	Heat Resistance	Flame Retardant

Door Handle



Nut



Manifold



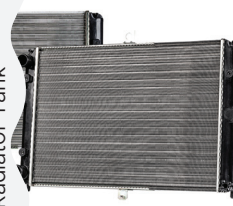
Gasoline Filter



Fuse Box



Radiator Tank





# OXOPYLEN

POLYMIX

Household Goods ....



.... Automotive

Construction Materials ....



.... Packaging



# OXOPYLEN

## POLYMIX



### Properties of OXOPYLEN COMPOUND



#### Perfect Lightness!

Ease of transportation, increased performance



#### Low Density

Low weight, high strength



#### Superior Chemical and Impact Resistance

Safe protection against harsh conditions



#### Excellent Resistance to Temperature

Changes with Advanced Thermal Stability



#### Thanks to Its Superior Electrical Resistance,

It provides high insulation capacity and reliability in electrical & electronic applications.



#### Hydrophobic Structure-Provides

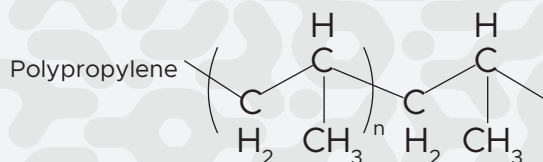
Excellent resistance to water thanks to its water-repellent properties.



#### Sustainable Recycling Potential

Environmentally friendly that protects the future

## WHAT IS OXOPYLEN?



In line with the special demands of our customers, we offer innovative solutions with our OXOPYLENE compounds in a wide range of areas, from the white goods industry to automotive & construction materials,

**We are here for excellence in every field!** These high-performance materials, which are used in every field of industry, allow you to achieve excellent results even in the most demanding applications with their superior mechanical properties and chemical resistance. With Oxopylen, we push the limits of quality and reliability while meeting the needs of every industry. Step into the future with confidence with us!

#### OXOPYLEN GF

✓  
Glass Reinforced

#### OXOPYLEN MF

✓  
Mineral Filled

#### OXOPYLEN FR

✓  
Flame Retardant

#### OXOPYLEN UV

✓  
UV Stabilized

Detergent Box



Poolside drain



Garden Chair



Automotive Fan



Rope Coil



Glass Deflector





# OXETILEN POLYMIX



Packaging ....



.... Automotive



Construction....  
Sector



.... Electrical  
Sector



# OXETILEN

## POLYMIX



### Properties of OXETILEN COMPOUND



**Superior Lightness!**  
Ease of transportation and installation with its lightweight structure



**Enhanced Chemical Resistance**  
Provides excellent resistance to various chemicals.



**Excellent Flexibility and Durability**  
in harsh conditions, with a wide range of applications with High Flexibility and Impact Resistance



**Excellent Electrical Insulation**  
Effectively blocks electrical current



**High Temperature Stability**  
Maintains resistance to high temperatures

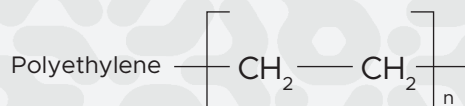


**It Provides Practical Machining**  
Opportunities in different shapes and sizes with its easy machinability feature.



**Sustainable Recycling Potential**  
Environmentally friendly production processes

## WHAT IS OXETILEN?



We provide first-class efficiency in industrial applications with our OXETILEN compounds.

**An Essential for Every Industry!** Covering a wide range of applications, from automotive to construction parts, we meet the highest standards in the industry. We aim for excellence in every field with our innovative engineering solutions and high-quality material composition. We combine reliability and performance; We shape the future of the industry with OXETILEN Discover quality and innovation with us!

OXETILEN GF	OXELITEN MF	OXELITEN UV
 Glass Reinforced	 Mineral Filled	 UV Stabilized

Automotive Filling Pipe



Cable Cover



Playground Spare Parts





# OXMASTER POLYMIX

Automotive ....



.... Packaging



Construction....  
Sector



.... Consumption  
Products



# OXMASTER

## POLYMIX



## WHAT IS OXMASTER?

### Masterbatch

OXMASTER is a Masterbatch in which additives or fillers are pre-formulated dispersed in high concentrations within a specific polymer matrix to improve the performance properties of polymers.

**Why Us?** Because our high-quality Masterbatches are integrated into the final products during production processes, allowing the desired physical properties to be achieved. Masterbatch offers flexibility and efficiency in industrial production by providing excellent dispersion, low cost and ease of application. When you work with us, you will strengthen your competitive position in the industry, as well as increasing the functional value of products by using them in a wide range of products such as automotive, packaging, construction and consumer products.

OXMASTER ADD

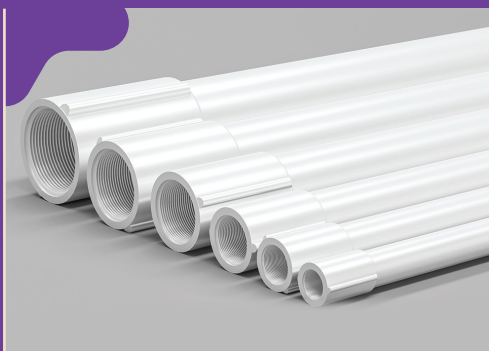


Additive Masterbatch

OXMASTER FILL



Filler Masterbatch





# OXELAST POLYMIX



Insulation ....  
Materials



....  
Construction  
Sector

Medical  
Parts ....



.... Automotive



# OXELAST POLYMIX



## Properties of OXELAST COMPOUND



### Perfect Flexibility

We know no limits in adaptability.



### Offers Long Life

and durability with high abrasion resistance



### Enhanced Chemical Resistance

Safe shield against harsh conditions.



### Heat Resistance

Excellent stability against temperatures.



### Low Compression Set

No more permanent deformation!



### Perfect Protection Against Sunlight

Thanks to UV Resistance.



### It Defies Difficulties

with its high mechanical strength.



### Low Vertical Temperature Losses

Provides energy efficiency.



### High Tear Resistance, Cut resistant.



### Sound and Vibration Insulation

Increases your comfort

## WHAT IS OXELAST?

### Thermoplastic Elastomers

There is no sector in which OXELAST and our products are not included. We operate in various fields such as insulation materials, construction, medical parts and automotive.

**Why?** Because we cannot talk about quality standards at every point where we do not have products. We aim to maximize customer satisfaction with the innovative solutions we offer in every sector. We invite you to join this quality journey.

### EPDM & SEBS

EPDM & SEBS based Thermoplastic Elastomer Compounds

TPE Sponge



Window Seals

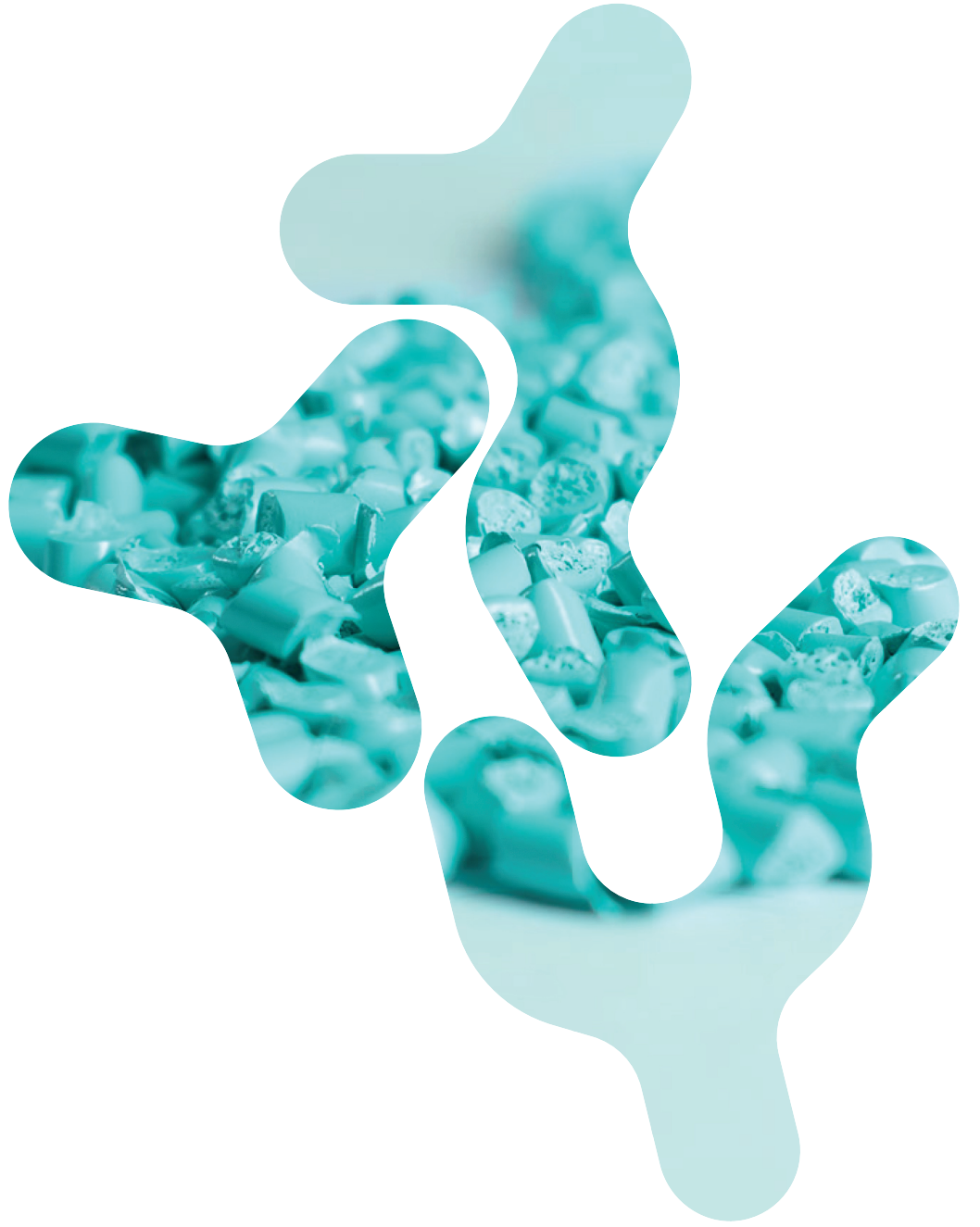


Soft Pencil Head



Bicycle Fender





# POLYMIX

PETROKİMYA  
SANAYİ VE TİCARET  
ANONİM ŞİRKETİ



Köseler Mahallesi Kobi OSB 37. Cadde  
No:26 Dilovası, Kocaeli



Taşdelen Mah. Turgut Özal Cad. No: 112-118  
Zentra İstanbul Evi Kat:2 D:25 Çekmeköy, İstanbul



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TR Catalogue

