



 **eurotec**<sup>®</sup> engineering  
plastics





**Eurotec is an independent compounder of engineering plastics that creates and offers intelligent solutions based on innovative products and tailor made services.**



**Eurotec, by targeting continuous improvement and full customer satisfaction;**

Aims continuity in quality as the most important principle.

Provides solutions to customer needs by involvement of motivated, experienced and dynamic team.

Use latest technology for reliable production and R&D operations.

Forms all necessary preventive actions by using efficient resources and producing environmentally friendly products to protect our environment.

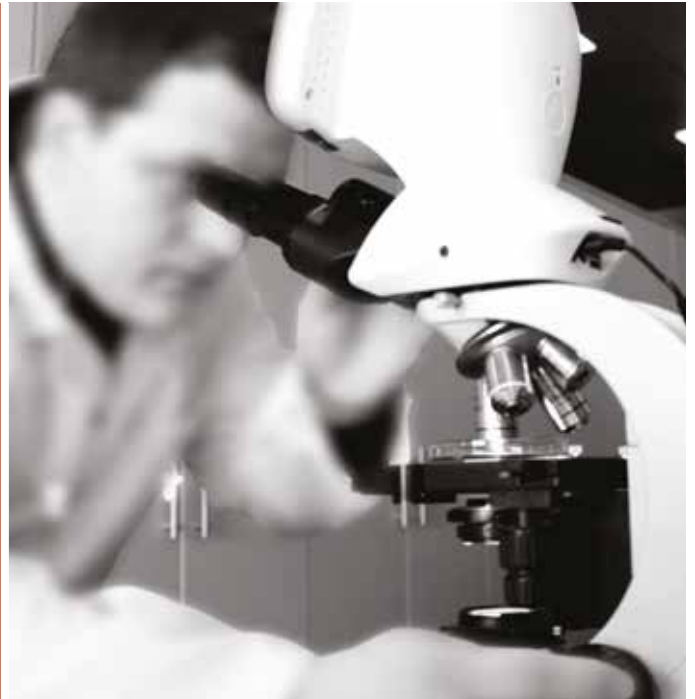
**Follows all new trends in the industry and reacts immediately by developing new processes and products.**

**Presents competitive products in standard grades and also generates creative solutions for special demands.**



Responds quickly for urgent orders by flexible production planning system.

Generates alternative logistics solutions for flawless and on-time deliveries.



## Products add value to

- ◆ Automotive and transportation
- ◆ Electrical / Electronic
- ◆ Home appliances
- ◆ Sports and leisure
- ◆ Safety equipment
- ◆ Construction
- ◆ Garden and power tools
- ◆ Medical industry
- ◆ Construction and agricultural equipment
- ◆ Furniture





## INTRODUCTION

Tecomid® is the registered trade mark for Polyamide (PA) compounds produced by Eurotec.

Eurotec is offering a wide range of Polyamide compounds and blends that are classified according to their chemical structure as;

- Tecomid® NA (PA 6.6)**
- Tecomid® NB (PA 6)**
- Tecomid® NC (PA 6.6/6)**

## PROPERTIES

Our high quality technical compounds are able to meet the full range of requirements including product properties, process needs and end-use demands.

- Key properties of Tecomid® resins offer;
- Excellent stiffness/toughness balance
  - High mechanical strength
  - Very good thermal stability
  - Excellent flammability characteristics
  - Good electrical properties
  - High wear resistance and low friction
  - Very good chemical resistance
  - Good flow and processing properties

## PRODUCTS

Tecomid® products are consisting of the most diverse characteristics with different modifiers, stabilizers, special additives and customized colours as;

- Unreinforced
- Standard impact to supertough
- Glass fiber reinforced
- Carbon fiber reinforced
- Aramide fiber reinforced
- Glass bead reinforced
- Mineral filled and reinforced
- Low warpage types
- Flame retardant
- Lubricated
- Surface modified
- Heat stabilized
- UV/light stabilized
- Electrical conductive
- Laser markable
- Speciality



## INTRODUCTION

Tecomid® HT is the registered trade mark for Polyphthalamide (PPA) High Performance Polyamide compounds produced by Eurotec.

Eurotec is offering a wide range of Polyphthalamide compounds suitable for technical applications that require outstanding properties especially at high temperatures.

## PROPERTIES

Our high quality technical compounds are able to meet the full range of requirements including product properties, process needs and end-use demands.

- Key properties of Tecomid® HT resins offer;
- Excellent high temperature properties
  - Very good chemical resistance
  - Low moisture absorption (compared to PA6, PA6.6, PA4.6)
  - Very high mechanical strength
  - Good flammability characteristics
  - Very good dimensional stability
  - Good electrical properties
  - High wear resistance and low friction
  - Good flow and processing properties

## PRODUCTS

Tecomid® HT products are consisting of the most diverse characteristics with different modifiers, stabilizers, special additives and customized colours as;

- Unreinforced
- Impact modified
- Glass fiber reinforced
- Carbon fiber reinforced
- Aramide fiber reinforced
- Glass bead reinforced
- Mineral filled and reinforced
- Low warpage types
- Flame retardant
- Lubricated
- Surface modified
- Heat stabilized
- UV/light stabilized
- Electrical conductive
- Speciality



## INTRODUCTION

Tecodur® is the registered trade mark for Polybutylene terephthalate (PBT) compounds produced by Eurotec.

Eurotec is offering a wide range of PBT compounds and also blends with PET, PC and ASA.

## PROPERTIES

Our high quality technical compounds are able to meet the full range of requirements including product properties, process needs and end-use demands.

Key properties of Tecodur® resins offer;

- Excellent stiffness and hardness
- Good mechanical strength
- Good creep and fatigue behaviour
- Very good thermal stability
- Excellent flammability characteristics
- Good electrical properties
- High wear resistance and low friction
- Good dimensional stability
- Very good chemical resistance
- Excellent flow and processing properties
- Low moisture absorption
- Very good surface finish

## PRODUCTS

Tecodur® products are consisting of the most diverse characteristics with different modifiers, stabilizers, special additives and customized colours as;

- Unreinforced
- Impact modified
- Glass fiber reinforced
- Carbon fiber reinforced
- Glass bead reinforced
- Mineral filled and reinforced
- Low warpage types
- Flame retardant
- High tracing resistance
- Lubricated
- Surface modified
- Heat stabilized
- UV/light stabilized
- Electrical conductive
- Direct metallizable
- Laser markable
- Speciality



## INTRODUCTION

Tecopet® is the registered trade mark for Polyethylene terephthalate (PET) compounds produced by Eurotec.

Eurotec is offering a wide range of PET compounds which also includes post consumer value added recycled grades.

These cost effective products are giving our customers competitive advantages not only in material costs but also in environmental regulations and commitments.

## PROPERTIES

Our high quality technical compounds are able to meet the full range of requirements including product properties, process needs and end-use demands.

Key properties of Tecopet® resins offer;

- Excellent stiffness and hardness
- Good mechanical strength
- Good creep and fatigue behaviour
- Very good thermal stability
- Excellent flammability characteristics
- Good electrical properties
- Good dimensional stability
- Very good chemical resistance
- Excellent flow and processing properties
- Low moisture absorption
- Very good surface finish

## PRODUCTS

Tecopet® products are consisting of the most diverse characteristics with different modifiers, stabilizers, special additives and customized colours as;

- Impact modified
- Glass fiber reinforced
- Carbon fiber reinforced
- Glass bead reinforced
- Mineral filled and reinforced
- Flame retardant
- Surface modified
- Heat stabilized
- UV/light stabilized
- Electrical conductive
- Laser markable
- Speciality





## INTRODUCTION

Tecotek<sup>®</sup> is the registered trade mark for Polycarbonate (PC) compounds produced by Eurotec.

Eurotec is offering a wide range of PC compounds and also blends with ABS, PBT, PET and ASA.

## PROPERTIES

Our high quality technical compounds are able to meet the full range of requirements including product properties, process needs and end-use demands.

Key properties of Tecotek<sup>®</sup> resins offer;

- Excellent impact resistance
- High stiffness and hardness
- Good mechanical strength
- Very good dimensional stability
- High resistance to wear
- High heat deflection temperature
- Low mold shrinkage
- Good electrical properties
- Excellent flammability characteristics
- Low moisture absorption

## PRODUCTS

Tecotek<sup>®</sup> products are consisting of the most diverse characteristics with different modifiers, stabilizers, special additives and customized colours as;

- Impact modified
- Glass fiber reinforced
- Glass bead reinforced
- Carbon fiber reinforced
- Flame retardant
- Lubricated
- Surface modified
- UV/light stabilized
- Electrical conductive
- Laser markable
- Speciality



## INTRODUCTION

Tecolen<sup>®</sup> is the registered trade mark for Polypropylene (PP) compounds produced by Eurotec.

Eurotec is offering a specialty range of PP homopolymer and copolymer compounds.

## PROPERTIES

Our high quality technical compounds are able to meet the full range of requirements including product properties, process needs and end-use demands.

Key properties of Tecolen<sup>®</sup> resins offer;

- Low density
- Very good impact resistance
- Excellent chemical resistance
- Good electrical properties
- Excellent processability
- Low moisture absorption
- Very good cost/performance ratio

## PRODUCTS

Tecolen<sup>®</sup> products are consisting of the most diverse characteristics with different modifiers, stabilizers, special additives and customized colours as;

- Impact modified
- Glass fiber reinforced
- Glass bead reinforced
- Mineral reinforced
- Flame retardant
- Heat stabilized
- UV/light stabilized
- Electrical conductive
- Laser markable
- Speciality

# Tecoform® POM



## INTRODUCTION

Tecoform® is the registered trade mark for Polyacetal (POM) compounds produced by Eurotec.

Eurotec is offering a specialty range of POM compounds suitable for technical applications.

## PROPERTIES

Our high quality technical compounds are able to meet the full range of requirements including product properties, process needs and end-use demands.

Key properties of Tecoform® resins offer;

- Excellent stiffness and hardness
- Good mechanical strength
- Very good toughness
- Excellent abrasion resistance and low friction
- Very good sliding properties
- Good dimensional stability
- Good creep and fatigue behaviour
- Good thermal stability
- Low moisture absorption
- Good electrical properties
- Very good chemical resistance
- Very good surface finish

## PRODUCTS

Tecoform® products are consisting of the most diverse characteristics with different modifiers, stabilizers, special additives and customized colours as;

- Unreinforced
- Impact modified
- Glass fiber reinforced
- Carbon fiber reinforced
- Aramid fiber reinforced
- Glass bead reinforced
- Low warpage types
- Lubricated
- Surface modified
- Heat stabilized
- UV/light stabilized
- Electrical conductive
- Laser markable
- Speciality

# Tecotek® PPO



## INTRODUCTION

Tecotek® is the registered trade mark for modified Polyphenyleneoxide (PPO) compounds produced by Eurotec.

Eurotec is offering a wide range of modified PPO compounds that are miscible blends with HIPS.

## PROPERTIES

Our high quality technical compounds are able to meet the full range of requirements including product properties, process needs and end-use demands.

Key properties of Tecotek® PPO resins offer;

- Very good dimensional stability
- Low mold shrinkage
- Low moisture absorption
- Excellent hydrolytic stability
- Very good impact resistance
- Good mechanical strength
- Very low creep at high temperature
- Good electrical properties
- Excellent flammability characteristics

## PRODUCTS

Tecotek® PPO products are consisting of the most diverse characteristics with different modifiers, stabilizers, special additives and customized colours as;

- Glass fiber reinforced
- Mineral reinforced
- Carbon fiber reinforced
- Flame retardant
- Lubricated
- Surface modified
- UV/light stabilized
- Electrical conductive
- Laser markable
- High flow
- High heat resistance
- Speciality





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