Engeneering Thermoplastics

»Exclusively engineering plastics«
**Introduction**

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

Melos is distributing 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 fibre reinforced
- Carbon fibre reinforced
- Aramide fibre reinforced
- Glass bead reinforced
- With mineral filler and reinforced
- Grades with optimized warpage
- Flame retardant
- Lubricant
- Surface modified
- Heat stabilized
- UV / light stabilized
- Conductive
- Laser marking
- Specialities

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**Introduction**

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

Melos is distributing a wide range of Polypthalamide 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 fibre reinforced
- Carbon fibre reinforced
- Aramide fibre reinforced
- Glass bead reinforced
- With mineral filler and reinforced
- Grades with optimized warpage
- Flame retardant
- Lubricant
- Surface modified
- Heat stabilized
- UV/light stabilized
- Conductive
- Specialities
Introduction
Tecodur® is the registered trade mark for Polybutylene terephthalate (PBT) compounds produced by Eurotec.

Melos is distributing 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
- Good 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 fibre reinforced
- Carbon fibre reinforced
- Glass bead reinforced
- With mineral filler and reinforced
- Grades with optimized warpage
- Flame retardant
- High tracing resistance
- Lubricant
- Surface modified
- Heat stabilized
- UV/light stabilized
- Conductive
- Direct metallizable
- Laser markable
- Specialities

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

Melos is distributing 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 fibre reinforced
- Carbon fibre reinforced
- Glass bead reinforced
- With mineral filler and reinforced
- Flame retardant
- Surface modified
- Heat stabilized
- UV / lightweight stabilized
- Conductive
- Laser markable
- Specialities
**Tecotek® PC**

**Introduction**
TeCotek® is the registered trade mark for Polycarbonate (PC) compounds produced by Eurotec.

Melos is distributing 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® 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® products are consisting of the most diverse characteristics with different modifiers, stabilizers, special additives and customized colours as;
- Impact modified
- Glass fibre reinforced
- Glass bead reinforced
- Carbon fibre reinforced
- Flame retardant
- Lubricated
- Surface modified
- UV / light stabilized
- Conductive
- Laser markable
- Specialities

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**Tecolen® PP**

**Introduction**
TeColen® is the registered trade mark for Polypropylene (PP) compounds produced by Eurotec.

Melos is distributing a wide 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® 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® products are consisting of the most diverse characteristics with different modifiers, stabilizers, special additives and customized colours as;
- Impact modified
- Glass fibre reinforced
- Glass bead reinforced
- Mineral reinforced
- Flame retardant
- Heat stabilized
- UV / light stabilized
- Conductive
- Laser markable
- Specialities
**Introduction**

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

Melos is distributing 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 fibre reinforced
- Carbon fibre reinforced
- Aramide fibre reinforced
- Glass bead reinforced
- Low warpage types
- Lubricated
- Surface modified
- Heat stabilized
- UV / light stabilized
- Conductive
- Laser markable
- Specialities

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**Introduction**

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

Melos is distributing 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 hydrolic stability
- Very good impact resistance
- Good mechanical strength
- Very low creep at high temperature
- Good electrical properties
- Excellente flammability characteristics

**Products**

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

- Glass fibre reinforced
- Mineral reinforced
- Carbon fibre reinforced
- Flame retardant
- Lubricated
- Surface modified
- UV / light stabilized
- Conductive
- Laser markable
- High flow
- High heat resistance
- Specialities