

Formfutura® TitanX™

Black

**RBX-ABS-FFBK1** 



TitanX<sup>™</sup> from Formfutura<sup>®</sup> is the evolution of ABS into a warp-free filament, making it highly suited in the production of large-scale and high-precision parts with a matte finish. TitanX is an premium-quality ABS filament with excellent durability and mechanical properties, uniquely modified for printing with Formfutura 3DP-optimisation technology.

## TitanX™ applications:

- Display models
- Concept models
- Models with functional and testing properties
- Gadgets, figurines and mechanical toys





Formfutura® TitanX™

Blue

**RBX-ABS-FFBL1** 



TitanX<sup>™</sup> from Formfutura® is the evolution of ABS into a warp-free filament, making it highly suited in the production of large-scale and high-precision parts with a matte finish. TitanX is an premium-quality ABS filament with excellent durability and mechanical properties, uniquely modified for printing with Formfutura 3DP-optimisation technology.

## TitanX™ applications:

- Display models
- Concept models
- Models with functional and testing properties
- Gadgets, figurines and mechanical toys





Formfutura® TitanX™

Grey

**RBX-ABS-FFFS1** 



TitanX<sup>™</sup> from Formfutura® is the evolution of ABS into a warp-free filament, making it highly suited in the production of large-scale and high-precision parts with a matte finish. TitanX is an premium-quality ABS filament with excellent durability and mechanical properties, uniquely modified for printing with Formfutura 3DP-optimisation technology.

## TitanX™ applications:

- Display models
- Concept models
- Models with functional and testing properties
- Gadgets, figurines and mechanical toys





Formfutura® TitanX™

Green

RBX-ABS-FFGR1



TitanX<sup>™</sup> from Formfutura® is the evolution of ABS into a warp-free filament, making it highly suited in the production of large-scale and high-precision parts with a matte finish. TitanX is an premium-quality ABS filament with excellent durability and mechanical properties, uniquely modified for printing with Formfutura 3DP-optimisation technology.

## TitanX™ applications:

- Display models
- Concept models
- Models with functional and testing properties
- Gadgets, figurines and mechanical toys





Formfutura® TitanX™

Silver

**RBX-ABS-FFMS1** 



TitanX<sup>™</sup> from Formfutura® is the evolution of ABS into a warp-free filament, making it highly suited in the production of large-scale and high-precision parts with a matte finish. TitanX is an premium-quality ABS filament with excellent durability and mechanical properties, uniquely modified for printing with Formfutura 3DP-optimisation technology.

## TitanX™ applications:

- Display models
- Concept models
- Models with functional and testing properties
- Gadgets, figurines and mechanical toys





Formfutura® TitanX™

Natural

**RBX-ABS-FFNT1** 



TitanX<sup>™</sup> from Formfutura<sup>®</sup> is the evolution of ABS into a warp-free filament, making it highly suited in the production of large-scale and high-precision parts with a matte finish. TitanX is an premium-quality ABS filament with excellent durability and mechanical properties, uniquely modified for printing with Formfutura 3DP-optimisation technology.

## TitanX™ applications:

- Display models
- Concept models
- Models with functional and testing properties
- Gadgets, figurines and mechanical toys





Formfutura® TitanX™

Orange

**RBX-ABS-FFOR1** 



TitanX<sup>™</sup> from Formfutura<sup>®</sup> is the evolution of ABS into a warp-free filament, making it highly suited in the production of large-scale and high-precision parts with a matte finish. TitanX is an premium-quality ABS filament with excellent durability and mechanical properties, uniquely modified for printing with Formfutura 3DP-optimisation technology.

## TitanX™ applications:

- Display models
- Concept models
- Models with functional and testing properties
- Gadgets, figurines and mechanical toys





Formfutura® TitanX™

Red

RBX-ABS-FFRD1



TitanX<sup>™</sup> from Formfutura<sup>®</sup> is the evolution of ABS into a warp-free filament, making it highly suited in the production of large-scale and high-precision parts with a matte finish. TitanX is an premium-quality ABS filament with excellent durability and mechanical properties, uniquely modified for printing with Formfutura 3DP-optimisation technology.

## TitanX™ applications:

- Display models
- Concept models
- Models with functional and testing properties
- Gadgets, figurines and mechanical toys





Formfutura® TitanX™

White

RBX-ABS-FFWH1



TitanX<sup>™</sup> from Formfutura® is the evolution of ABS into a warp-free filament, making it highly suited in the production of large-scale and high-precision parts with a matte finish. TitanX is an premium-quality ABS filament with excellent durability and mechanical properties, uniquely modified for printing with Formfutura 3DP-optimisation technology.

## TitanX™ applications:

- Display models
- Concept models
- Models with functional and testing properties
- Gadgets, figurines and mechanical toys





# HIPS 1.75mm Filament

Robox® HIPS

Natural

RBX-HIP-NT003



Robox® HIPS is a material with a unique matte finish and structure that reduces the visibility of minor flaws, making it ideally suited for producing eye-catching prototypes. HIPS can also be used with ABS as a breakaway support material or a soluble support material for PETG parts when dissolved with d-Limonene.

## **HIPS applications:**

- Prototypes of mechanical parts or consumer products
- Architectural mock-ups
- Models with large, flat surfaces
- Breakaway support for ABS parts or soluble support for PETG parts

#### **HIPS colours:**



latural



Polymaker PC-Plus™

Clear

RBX-PCP-TP001



PC-Plus<sup>™</sup> from Polymaker<sup>®</sup> is a polycarbonate plastic with great warping resistance used to create high quality, durable parts with excellent mechanical strength and heat resistance. PC-Plus offers a balance of useful features including temperature resistance, impact resistance and optical transparency.

## PC-Plus™ applications:

- Temperature-resistant parts
- Working prototypes and mechanical parts
- Structural components
- Translucent models

#### PC-Plus<sup>™</sup> colours:



lear



Robox® PLA
Black As Night
RBX-PLA-BK001



Robox® PLA is made from natural and biodegradable sources, making it uniquely suited to ecological applications. The enhanced Robox PLA formulation makes the material very easy to process and is available in a wide range of colours. PLA is suitable for models and parts that do not require temperature-resistance, high strength or flexibility.

### **PLA applications:**

- © Ecological parts or models
- Lost mould casting
- Initial prototypes
- Toys and figurines





Robox® PLA
Cornflower Blue
RBX-PLA-BL003



Robox® PLA is made from natural and biodegradable sources, making it uniquely suited to ecological applications. The enhanced Robox PLA formulation makes the material very easy to process and is available in a wide range of colours. PLA is suitable for models and parts that do not require temperature-resistance, high strength or flexibility.

### **PLA applications:**

- © Ecological parts or models
- Lost mould casting
- Initial prototypes
- Toys and figurines





Robox® PLA
Designer Grey

RBX-PLA-FS001



Robox® PLA is made from natural and biodegradable sources, making it uniquely suited to ecological applications. The enhanced Robox PLA formulation makes the material very easy to process and is available in a wide range of colours. PLA is suitable for models and parts that do not require temperature-resistance, high strength or flexibility.

### **PLA applications:**

- © Ecological parts or models
- Lost mould casting
- Initial prototypes
- Toys and figurines



# PLA 1.75mm Filament

Robox® PLA

Leaf Green

RBX-PLA-GR005



Robox® PLA is made from natural and biodegradable sources, making it uniquely suited to ecological applications. The enhanced Robox PLA formulation makes the material very easy to process and is available in a wide range of colours. PLA is suitable for models and parts that do not require temperature-resistance, high strength or flexibility.

#### **PLA applications:**

- © Ecological parts or models
- Lost mould casting
- Initial prototypes
- Toys and figurines







Robox® PLA
Natural Clear
RBX-PLA-NT002



Robox® PLA is made from natural and biodegradable sources, making it uniquely suited to ecological applications. The enhanced Robox PLA formulation makes the material very easy to process and is available in a wide range of colours. PLA is suitable for models and parts that do not require temperature-resistance, high strength or flexibility.

#### **PLA applications:**

- © Ecological parts or models
- Lost mould casting
- Initial prototypes
- Toys and figurines





Robox® PLA
Highway Orange
RBX-PLA-OR001



Robox® PLA is made from natural and biodegradable sources, making it uniquely suited to ecological applications. The enhanced Robox PLA formulation makes the material very easy to process and is available in a wide range of colours. PLA is suitable for models and parts that do not require temperature-resistance, high strength or flexibility.

### **PLA applications:**

- © Ecological parts or models
- Lost mould casting
- Initial prototypes
- Toys and figurines



PLA 1.75mm Filament

Robox® PLA
Hot Pink
RBX-PLA-PK001



Robox® PLA is made from natural and biodegradable sources, making it uniquely suited to ecological applications. The enhanced Robox PLA formulation makes the material very easy to process and is available in a wide range of colours. PLA is suitable for models and parts that do not require temperature-resistance, high strength or flexibility.

### **PLA applications:**

- © Ecological parts or models
- Lost mould casting
- Initial prototypes
- Toys and figurines





Robox® PLA

Amethyst Purple

RBX-PLA-PP001



Robox® PLA is made from natural and biodegradable sources, making it uniquely suited to ecological applications. The enhanced Robox PLA formulation makes the material very easy to process and is available in a wide range of colours. PLA is suitable for models and parts that do not require temperature-resistance, high strength or flexibility.

### **PLA applications:**

- © Ecological parts or models
- Lost mould casting
- Initial prototypes
- Toys and figurines



PLA 1.75mm Filament

Robox® PLA

Dynamite Red

RBX-PLA-RD001



Robox® PLA is made from natural and biodegradable sources, making it uniquely suited to ecological applications. The enhanced Robox PLA formulation makes the material very easy to process and is available in a wide range of colours. PLA is suitable for models and parts that do not require temperature-resistance, high strength or flexibility.

### **PLA applications:**

- © Ecological parts or models
- Lost mould casting
- Initial prototypes
- Toys and figurines



PLA 1.75mm Filament

Robox® PLA

Polar White

RBX-PLA-WH001



Robox® PLA is made from natural and biodegradable sources, making it uniquely suited to ecological applications. The enhanced Robox PLA formulation makes the material very easy to process and is available in a wide range of colours. PLA is suitable for models and parts that do not require temperature-resistance, high strength or flexibility.

#### **PLA applications:**

- © Ecological parts or models
- Lost mould casting
- Initial prototypes
- Toys and figurines



# PLA 1.75mm Filament

Robox® PLA
Mellow Yellow
RBX-PLA-YL001



Robox® PLA is made from natural and biodegradable sources, making it uniquely suited to ecological applications. The enhanced Robox PLA formulation makes the material very easy to process and is available in a wide range of colours. PLA is suitable for models and parts that do not require temperature-resistance, high strength or flexibility.

#### **PLA applications:**

- © Ecological parts or models
- Lost mould casting
- Initial prototypes
- Toys and figurines



# SmartReel\*

# PETG 1.75mm Filament

Formfutura® HDGlass™

Black

RBX-PTG-FFBK1



HDGlass™ PETG from Formfutura® is a premium, styrene and odour-free professional material. HDGlass™ is highly resistant to salts, acids, alkalis and solvents, and certified as safe to use in applications requiring contact with food or drink. Excellent mechanical properties, quality and extremely high safety ratings make HDGlass™ an all-round, highly versatile material.

## HDGlass™ applications:

- Machine components
- Mechanical part prototypes
- Chemical-resistant parts
- Models for educational use



# PETG 1.75mm Filament

Formfutura® HDGlass™

Light Blue

RBX-PTG-FFBL1



HDGlass<sup>™</sup> PETG from Formfutura<sup>®</sup> is a premium, styrene and odour-free professional material. HDGlass<sup>™</sup> is highly resistant to salts, acids, alkalis and solvents, and certified as safe to use in applications requiring contact with food or drink. Excellent mechanical properties, quality and extremely high safety ratings make HDGlass<sup>™</sup> an all-round, highly versatile material.

## HDGlass™ applications:

- Machine components
- Mechanical part prototypes
- Chemical-resistant parts
- Models for educational use



# PETG 1.75mm Filament

Formfutura® HDGlass™

Light Green

RBX-PTG-FFGR2



HDGlass<sup>™</sup> PETG from Formfutura<sup>®</sup> is a premium, styrene and odour-free professional material. HDGlass<sup>™</sup> is highly resistant to salts, acids, alkalis and solvents, and certified as safe to use in applications requiring contact with food or drink. Excellent mechanical properties, quality and extremely high safety ratings make HDGlass<sup>™</sup> an all-round, highly versatile material.

## HDGlass™ applications:

- Machine components
- Mechanical part prototypes
- Chemical-resistant parts
- Models for educational use



# PETG 1.75mm Filament

Formfutura® HDGlass™

Bronze

RBX-PTG-FFMB1



HDGlass<sup>™</sup> PETG from Formfutura<sup>®</sup> is a premium, styrene and odour-free professional material. HDGlass<sup>™</sup> is highly resistant to salts, acids, alkalis and solvents, and certified as safe to use in applications requiring contact with food or drink. Excellent mechanical properties, quality and extremely high safety ratings make HDGlass<sup>™</sup> an all-round, highly versatile material.

## HDGlass™ applications:

- Machine components
- Mechanical part prototypes
- Chemical-resistant parts
- Models for educational use



# SmartReel\*

# PETG 1.75mm Filament

Formfutura® HDGlass™

Silver

**RBX-PTG-FFMS1** 



HDGlass<sup>™</sup> PETG from Formfutura<sup>®</sup> is a premium, styrene and odour-free professional material. HDGlass<sup>™</sup> is highly resistant to salts, acids, alkalis and solvents, and certified as safe to use in applications requiring contact with food or drink. Excellent mechanical properties, quality and extremely high safety ratings make HDGlass<sup>™</sup> an all-round, highly versatile material.

## HDGlass™ applications:

- Machine components
- Mechanical part prototypes
- Chemical-resistant parts
- Models for educational use





Formfutura® HDGlass™

Red

RBX-PTG-FFRD1



HDGlass<sup>™</sup> PETG from Formfutura<sup>®</sup> is a premium, styrene and odour-free professional material. HDGlass<sup>™</sup> is highly resistant to salts, acids, alkalis and solvents, and certified as safe to use in applications requiring contact with food or drink. Excellent mechanical properties, quality and extremely high safety ratings make HDGlass<sup>™</sup> an all-round, highly versatile material.

## HDGlass™ applications:

- Machine components
- Mechanical part prototypes
- Chemical-resistant parts
- Models for educational use



# SmartReel\*

# PETG 1.75mm Filament

Formfutura® HDGlass™

White

RBX-PTG-FFWH1



HDGlass<sup>™</sup> PETG from Formfutura<sup>®</sup> is a premium, styrene and odour-free professional material. HDGlass<sup>™</sup> is highly resistant to salts, acids, alkalis and solvents, and certified as safe to use in applications requiring contact with food or drink. Excellent mechanical properties, quality and extremely high safety ratings make HDGlass<sup>™</sup> an all-round, highly versatile material.

## HDGlass™ applications:

- Machine components
- Mechanical part prototypes
- Chemical-resistant parts
- Models for educational use





Nylon PA12 1.75mm Filament

Robox® Nylon

Natural

RLH-P12-NT001



Robox® Nylon PA12 (also known as nylon 12) is a versatile engineering material that's stronger and more durable than ABS, PETG or PLA. A high melting temperature and low friction coefficient makes Nylon 12 an excellent choice for hard-wearing, working prototypes and end-use parts resistant to chemicals.

## Nylon applications:

- Wear and chemical-resistant models
- Working prototypes and mechanical parts
- Living hinges
- Flexible parts

## Nylon colours:



latural



Formfutura® HDGlass™

Fluorescent Orange

RLH-PTG-FFF01



HDGlass<sup>™</sup> PETG from Formfutura<sup>®</sup> is a premium, styrene and odour-free professional material. HDGlass<sup>™</sup> is highly resistant to salts, acids, alkalis and solvents, and certified as safe to use in applications requiring contact with food or drink. Excellent mechanical properties, quality and extremely high safety ratings make HDGlass<sup>™</sup> an all-round, highly versatile material.

## HDGlass™ applications:

- Machine components
- Mechanical part prototypes
- Chemical-resistant parts
- Models for educational use





Formfutura® HDGlass™

**Opal Clear** 

RLH-PTG-FFFT1



HDGlass<sup>™</sup> PETG from Formfutura<sup>®</sup> is a premium, styrene and odour-free professional material. HDGlass<sup>™</sup> is highly resistant to salts, acids, alkalis and solvents, and certified as safe to use in applications requiring contact with food or drink. Excellent mechanical properties, quality and extremely high safety ratings make HDGlass<sup>™</sup> an all-round, highly versatile material.

## HDGlass™ applications:

- Machine components
- Mechanical part prototypes
- Chemical-resistant parts
- Models for educational use





Formfutura® HDGlass™

Fluorescent Yellow

RLH-PTG-FFFY1



HDGlass™ PETG from Formfutura® is a premium, styrene and odour-free professional material. HDGlass™ is highly resistant to salts, acids, alkalis and solvents, and certified as safe to use in applications requiring contact with food or drink. Excellent mechanical properties, quality and extremely high safety ratings make HDGlass™ an all-round, highly versatile material.

## HDGlass™ applications:

- Machine components
- Mechanical part prototypes
- Chemical-resistant parts
- Models for educational use





Formfutura® HDGlass™

Transparent Blue

RLH-PTG-FFTB1



HDGlass<sup>™</sup> PETG from Formfutura<sup>®</sup> is a premium, styrene and odour-free professional material. HDGlass<sup>™</sup> is highly resistant to salts, acids, alkalis and solvents, and certified as safe to use in applications requiring contact with food or drink. Excellent mechanical properties, quality and extremely high safety ratings make HDGlass<sup>™</sup> an all-round, highly versatile material.

## HDGlass™ applications:

- Machine components
- Mechanical part prototypes
- Chemical-resistant parts
- Models for educational use





Formfutura® HDGlass™

Transparent Green

RLH-PTG-FFTG1



HDGlass<sup>™</sup> PETG from Formfutura<sup>®</sup> is a premium, styrene and odour-free professional material. HDGlass<sup>™</sup> is highly resistant to salts, acids, alkalis and solvents, and certified as safe to use in applications requiring contact with food or drink. Excellent mechanical properties, quality and extremely high safety ratings make HDGlass<sup>™</sup> an all-round, highly versatile material.

## HDGlass™ applications:

- Machine components
- Mechanical part prototypes
- Chemical-resistant parts
- Models for educational use





Formfutura® HDGlass™

Transparent Black

RLH-PTG-FFTK1



HDGlass™ PETG from Formfutura® is a premium, styrene and odour-free professional material. HDGlass™ is highly resistant to salts, acids, alkalis and solvents, and certified as safe to use in applications requiring contact with food or drink. Excellent mechanical properties, quality and extremely high safety ratings make HDGlass™ an all-round, highly versatile material.

## HDGlass™ applications:

- Machine components
- Mechanical part prototypes
- Chemical-resistant parts
- Models for educational use





Formfutura® HDGlass™

Transparent Red

RLH-PTG-FFTR1



HDGlass<sup>™</sup> PETG from Formfutura<sup>®</sup> is a premium, styrene and odour-free professional material. HDGlass<sup>™</sup> is highly resistant to salts, acids, alkalis and solvents, and certified as safe to use in applications requiring contact with food or drink. Excellent mechanical properties, quality and extremely high safety ratings make HDGlass<sup>™</sup> an all-round, highly versatile material.

## HDGlass™ applications:

- Machine components
- Mechanical part prototypes
- Chemical-resistant parts
- Models for educational use





Formfutura® HDGlass™

Transparent Yellow

RLH-PTG-FFTY1



HDGlass<sup>™</sup> PETG from Formfutura<sup>®</sup> is a premium, styrene and odour-free professional material. HDGlass<sup>™</sup> is highly resistant to salts, acids, alkalis and solvents, and certified as safe to use in applications requiring contact with food or drink. Excellent mechanical properties, quality and extremely high safety ratings make HDGlass<sup>™</sup> an all-round, highly versatile material.

## HDGlass™ applications:

- Machine components
- Mechanical part prototypes
- Chemical-resistant parts
- Models for educational use





Polymaker® PolySupport™

White

RLH-SPC-SP001



PolySupport<sup>™</sup> from Polymaker<sup>®</sup> is a premium breakaway support material that is easily removed in seconds by hand from PLA, PETG or TPU parts. Removal of the dedicated support material requires no tools and leaves no scarring on the model material itself, making PolySupport a time-saving, extremely efficient support material.

## PolySupport<sup>™</sup> applications:

Support material for PLA, PETG or TPU models

## PolySupport<sup>™</sup> colours:



White



Polymaker® PolyWood™ Wood-Effect RLH-SPC-WD001



PolyWood™ PLA from Polymaker® is 35-40% lighter than ordinary PLA. Unique among wood-effect filaments, PolyWood contains no actual wood fibres. Instead, a foaming agent is activated during the printing process which mimics wood aesthetics and smooths build lines leaving models with a significantly enhanced, high quality appearance.

## PolyWood™ applications:

- Ornaments and decorative models
- Various homeware
- Prototypes of wooden parts
- Models for educational use

## PolyWood™ colours:



/ood-Effect



# **TPU 1.75mm Filament**

Polymaker® PolyFlex™

Black

RLH-TPU-PMBK1



PolyFlex™ TPU from Polymaker® is a flexible material that processes flawlessly due to Robox® patented needle valve technology and ThermoSurface™ bed sheet. PolyFlex™ features good elasticity and very high strain to failure, making the material well suited to models or functional parts requiring flexibility and durability.

## PolyFlex<sup>™</sup> applications:

- Wheel and tyre prototypes
- Footwear and wearable models
- Protective outer casings
- Drive or transmission belts

## PolyFlex<sup>™</sup> colours:



**3lack** 

White



# **TPU 1.75mm Filament**

Polymaker® PolyFlex™

White

RLH-TPU-PMWH1



PolyFlex™ TPU from Polymaker® is a flexible material that processes flawlessly due to Robox® patented needle valve technology and ThermoSurface™ bed sheet. PolyFlex™ features good elasticity and very high strain to failure, making the material well suited to models or functional parts requiring flexibility and durability.

## PolyFlex<sup>™</sup> applications:

- Wheel and tyre prototypes
- Footwear and wearable models
- Protective outer casings
- Drive or transmission belts

## PolyFlex<sup>™</sup> colours:



Black

White



Robox® PLA

ThermoChrome

RBX-PLA-TC001



Robox® ThermoChrome PLA is a smart/reactive material that changes colour from dark grey to light grey with exposure to temperatures above 30°C. Made from natural and biodegradable sources, PLA is uniquely suited to ecological applications. The enhanced Robox PLA formulation makes the material very easy to process and with very low part shrinkage and a high-gloss surface finish.

### **Applications**

- Ecological parts or models
- Models for educational use
- Wearable models
- Toys and figurines

#### **Colours**

