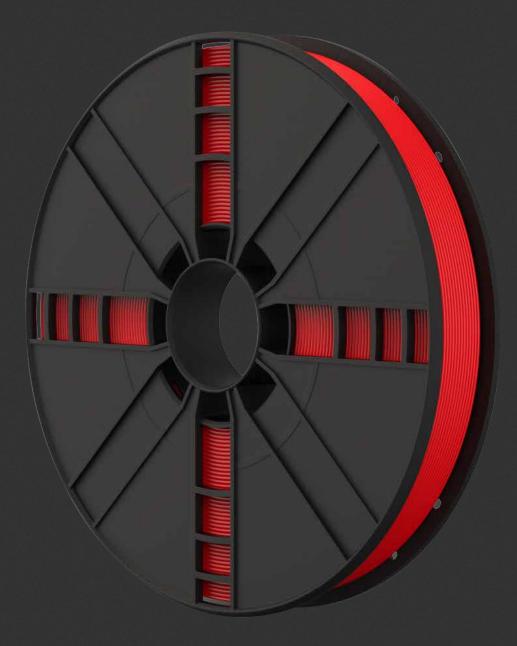


THE IDEAL BUILD MATERIAL FOR YOUR MAKERBOT 3D PRINTER.



EU.MAKERBOT.COM/SHOP/EN/MAKERBOT-FILAMENT

## MAKERBOT: SETTING THE STANDARD IN DESKTOP 3D PRINTING

# MAKERBOT® FILAMENT

THE IDEAL BUILD MATERIAL FOR YOUR 3D PRINTER

# EXPERIMENT WITH DUAL EXTRUSION

- Optimized to be the best filament for MakerBot Replicator Desktop 3D Printers.
- Every filament color is comprehensively quality tested at both high (100 micron) and medium (200 micron) layer resolutions to verify that the filament will perform every feature that MakerBot MakerWare software offers and will reliably slice and print every type of printing (tight corners, long and short overhangs, floors, ceilings, etc.).
- Every filament color also undergoes long duration testing using a large 3D model that requires 18 24 hours of print time to ensure that there are no deviances in print quality.
- Every millimeter of MakerBot Filament has been subjected to stringent laser testing. High viscosity to prevent dripping from the extruder nozzle.
  Packaged on spools to prevent tangles and "bird nests."

## MAKERBOT® PLA FILAMENT

- MakerBot PLA Filament is the best, most consistent build material for MakerBot<sup>®</sup> Replicator<sup>®</sup> Desktop 3D Printers.
- · Bioplastic derived from corn .
- Consistently round diameter ensures highest print quality and consistent flow through the extruder nozzle.
- Prevents shredding.

# MAKERBOT® ABS FILAMENT

- MakerBot ABS Filament is the best, most consistent, and most tested ABS filament for MakerBot Replicator 2X Experimental 3D Printers.
- Can be used with MakerBot Dissolvable Filament. MakerBot dissolvable filament acts as a solid infill material.

#### **MAKERBOT® FLEXIBLE FILAMENT**

- More flexible than MakerBot PLA filament.
- Creates new opportunities to stretch the limits of 3D printing.
- Reshape and mold your prints.
- MakerBot Flexible Filament is the most flexible filament for MakerBot Replicator 2 Desktop 3D Printers.

#### MAKERBOT® DISSOLVABLE FILAMENT

- MakerBot Dissolvable Filament is the best, most consistent, and most tested dissolvable filament for MakerBot Replicator 2X Experimental 3D Printers.
- MakerBot Dissolvable Filament is the best, most consistent, and most tested dissolvable filament for MakerBot Replicator 2X Experimental 3D Printers.
- An excellent dissolvable support structure for MakerBot ABS Filament designed for use as a solid infill material.
- Easily dissolves in limonene bath in just 8-24 hours.

# SPECIFICATIONS

#### PLA

TEMPERATURES 60 - 65° C (140 - 149° F)

MELTING TEMPERATURES 150 - 160° C (302 - 320° F)

NOZZLE TEMPERATURE 230°C (446°F)

DIAMETER 1.75 mm

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## ABS

GLASS TEMPERATURE 105° C (221° F)

MELTING TEMPERATURES Amorphous, no "true" melting point

NOZZLE TEMPERATURES 230°C (446°F)

DIAMETER 1.75 mm

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#### FLEXIBLE

GLASS TEMPERATURE 60° C (140° F)

MELTING TEMPERATURES 58 - 60° C (136.4 - 140° F)

NOZZLE TEMPERATURES 100°C (212°F)

DIAMETER 1.75 mm

#### DISSOLVABLE

GLASS TEMPERATURE 100° C (212° F)

MELTING TEMPERATURES 160°C (320°F)

NOZZLE TEMPERATURES 230°C (446°F)

DIAMETER 1.75 mm







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