



# KODAK 3D Printing Filaments

## ABS

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### Benefits:

- High impact resistance, slightly flexible.
- UV, heat and abrasion resistance.
- Ideal for post-processing for a shiny, smooth surface (advanced users).

### Main application:

- Functional prototypes.

## Flex 98

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### Benefits:

- Semi-flexible.
- Make strong, shatter-resistant objects.
- High abrasive resistance.

### Main application:

- Semi-rigid with excellent impact and abrasion resistance.

## HIPS

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### Benefits:

- A filament with some of the best characteristics of PLA and ABS.
- Great interlayer adhesion.
- Resistance to shattering, low warp.

### Main application:

- High impact resistant and silky surface.
- Rigid limonene-soluble support material.

## PETG

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### Benefits:

- Easy to print.
- Strong and temperature resistant.
- Food-safe.

### Main application:

- Practical applications including food packaging.

## PLA+

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### Benefits:

- Easy to print.
- Very low shrinkage.
- Wide range of colors.

### Main application:

- Concept modeling.

## PLA Tough

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### Benefits:

- Ideal ABS substitute for many tasks.
- High strength.
- Very low shrinkage.

### Main application:

- Prototypes and functional parts not used at high temperature.



# KODAK 3D Printing Filaments

## PVA

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### Benefits:

- Allows you to create support structures for complex prints.
- Dissolvable in water.
- Biodegradable and non-toxic.

### Main application:

- Support material.



## Nylon 6

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### Benefits:

- Very strong, shatterproof functional objects.
- High abrasive resistance, small friction coefficient (slippery)

### Main application:

- Maximum strength, production-ready functional prints.



## Nylon 12

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### Benefits:

- Extremely tough with superior tensile, elongation at break and impact strength, high fatigue endurance and low friction coefficient.
- Very low warping and moisture absorption before and after printing.
- Superior chemical, UV and heat resistance (over 120°C).

### Main application:

- High fatigue, snap fits, functionally strong parts with high resistance to environmental stress.



## Acrylic

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### Benefits:

- A semi-transparent material, ideal for pieces with movable parts.
- Exceptional ability to print bridges.
- Very hard and not very flexible, ideal for those pieces that require a lot of rigidity.
- Very low coefficient of friction.

### Main application:

- Suitable for optical polycarbonate applications.



## Nylon 6/66/12

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### Benefits:

- Strong as nylon, but with greater flexibility.
- Low warping, allowing for better printing of fine details and overhangs.
- With possibility to use a layer fan for even finer details or printing long bridges.
- Good adhesion to the printing surface.

### Main application:

- Parts that need to be very strong with tensile resistance, or strong parts with fine details.

