

# KODAK 3D Printing Filament Flex 98 (Thermoplastic Polyurethane)

## Benefits:

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

## Main applications:

Semi-rigid with excellent impact and abrasion resistance.

## Description:

Kodak semi-rigid TPU opens up a great deal of interesting shatter-resistant objects. You can make living hinges with it, and combine it with rigid plastics. Supports can be easily clipped away with a knife. Its high interlayer adhesion prevents objects from easily breaking along the Z axis. KODAK Flex 98 offers high performance and excellent printing processability, proved also with bowden extruders in both 1.75mm and 2.85mm.

## Recommended printer settings

Print temperature: 220-260°C  
Print bed temperature: 50°C.  
Fans: on  
Closed environment: not required.  
Tips: print slowly (under 30mm/s) and without retraction; use constant speeds and do not use sprays or glues on your print platform.

## Tolerance

Diameter	Diameter tolerance	Roundness accuracy	Moisture content
1.75 mm	+/- 0.02 mm	99%	< 0.02%
2.85 mm	+/- 0.03 mm		

## Physical properties

Description	Value	Test method
Density	1.16 g/cm <sup>3</sup>	ISO 1183/B
Hardness (5 sec)	55 +/-3 Shore D	ASTM D-2240