

Technical Data Sheet

Chemical Name:

Polyurethane

Main Applications:

Concept modeling, Educational projects, Design objects, Ideal for grips, toys, non-scratching and cushioned supports, very strong objects, novelty objects.

Description:

This filament opens up a great deal of interesting shatter-resistant objects. You can make living hinges with it, and combine it with rigid plastics. Supports have to be clipped away with a knife.

Key Aspects:

Its high interlayer adhesion prevents objects from easily breaking along the Z axis. It also resists heat better than PLA. KODAK Flex 98 offers high performance and excellent printing processability.

Diameter:

1.75 mm, 2.85 mm

Weight:

750 g

Density:

1.18

Meters per 750 g:

264.248 / 99.632

Weight per meter:

2.84 / 7.53 g

Meters per kg:

352.331 / 132.843

Color Information:

Color:

Black
Blue
Gray
Red
White

PANTONE:

6C
2935 C
8402 C
485 C
11-4001

Printing Settings

Printing Temperature	230-250°C
Density (g/cc)	1.05
Build Plate Temperature	Required 80-100°C
Cooling Fans	OFF

Mechanical Properties

Typical

ASTM

Tensile Strength:	8400 (57,9)	D412
Tensile Elongation - 100%:	2800 (19,3)	D412
Tensile Elongation - 300%:	6100 (42,1)	-
Ultimate Elongation:	420	-
Graves:	810 (142.0)	D624
Trouser:	230 (40.3)	D470

Physical Properties

Typical

ASTM

Specific Gravity:	1.16	D792
Hardness:	55 +/-3	D2240



Warning:

This product can expose you to chemicals, which are known to the State of California to cause cancer. For more information, go to www.P65Warnings.ca.gov

Disclaimer:

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