KODAK 3D Printing Filament

FLEX 98 · Technical Data Sheet

General Features

Chemical Name Polyurethane	Benefits • Make soft objects • High abrasive resistance • Very strong, hard-to-break objects	Main Applications Ideal for grips, toys, non-scratching and cushioned supports, objects that requires flexibility, dampers, belts, anti slip devices, tires, flex cases

Filament Characteristics

Diameter	Ø 1.75mm	Ø 2.85mm
Meters per spool	264.248m	99.632m
Weight per meter	2.84g	7.53g
Tolerance	±0.02mm	±0.03mm

Material Properties

		Typical value	ASTM Method
Tensile Strength	MPa	57.9	D412
Tensile Elongation 100%	MPa	19.3	D412
Tensile Elongation 300%	MPa	42.1	-
Ultimate Elongation	%	420	-
Density	g/cm3	1.16	D792
Hardness	-	55 (±3)	D2240

Recommended printer settings

Print temperature	225±5°C
Print bed temperature	70°C First/Later
Cooling fans	Low/Off
Closed environment	Not required
Adhesive	Required

Available Colours

Colour	Pantone Code
Black	6C
Blue	2935 C
Gray	8402 C
Red	485 C
White	11-4001