

KODAK 3D Printing Filament

Nylon 6 (Polyamide 6/66 copolymer)

Benefits:

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

Main application:

Maximum strength, production-ready functional prints.

Description:

Toughest among all engineering plastics. Build fixtures, guides, jigs, guards and other manufacturing aids that require good mechanical and tensile strength.

Excellent resistance to heat, oils, solvents and chemicals. Our Neon variety transmits ultraviolet/black light, so you can make objects that glow in the dark.

Do not use in direct contact with food.

Do not leave exposed to air, since it readily absorbs humidity, which can greatly affect your print. Drying this hygroscopic material before printing is highly recommended. The KODAK 3D Printing Filament airtight case will improve your printing experience by preventing exposure to dust and absorption of moisture during extrusion.

Recommended printer settings

Print temperature: 240-270°C
Print bed temperature: 90-110°C not glass.
Fans: off.
Closed environment: not required.
Tips: keep the filament dry by properly storing the spool. It may require drying at 80°C for a few hours before printing for best results.

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	1.14 g/cm ³	ISO 1183/B
Melting temperature (10°C/min)	192°C	ISO 11357-1/-3