

Nylon



Nylon is a tough semi-flexible, high-temperature, heat- and weather-resistant material that is appropriate for objects requiring strength and outdoor use. This glossy, semi-flexible material also has an intrinsically low coefficient of friction. Nylon filament is susceptible to moisture absorption and should be stored in a cool dry place.



- High-strength, semi-flexible and weatherproof;
- Professional appearance;
- Low friction coefficient;
- Non-toxic;
- Resilient to bend fatigue;
- Glossy, translucent.

Available in a wide variety of colors. For non-stock colors there is a minimum quantity of 30 kg.

Physical properties

Specific gravity	ISO 1183	1130 kg/m ³
MFI	-	-
Tensile strength	ISO 178	100 MPa
Elongation at break	ISO 527	15
Tensile modulus	ISO 527	3800 MPa
Impact strength	-	-

Tolerance +/- 0.05 mm (1.75 mm), 0.10 mm (2.85 mm)
Heated bed temp. 90 – 120 °C
Storage Cool, dry away from UV, Vacuum seal highly recommended

Thermal properties

Printing temp.	-	280 - 320 °C
Melting temp.	ISO 11357	220 °C +/- 10 °C
Melting point	-	-
Vicat softening temp.	-	-



REAL Filament
Wagenmaker 6A
2631 RL NOOTDORP
THE NETHERLANDS

Email : info@real-filament.com
Telephone : +31 85 009 1531