

Physical properties

Property	Typical value
Density	1,2 g/cm ³
Diameter	1,75/2,85 mm
Diameter tolerance	± 0,05 mm
Roundness tolerance	± 5 %

Thermal properties

Property	Test method	Typical value
Vicat softing temp	ISO 306	115°C

Mechanical properties

Property	Test method	Typical value
Tensile stress	ISO 527	50 MPa
Impact strength	ISO179	50 kJ/m ²
Elongation at break	ISO 527	50 %

Recommended printing conditions

Property	Typical value
Printing temperature	235-250°C
Buildplate temperature	90-120°C
Printing speed	50 mm/sec

Packaging

Property	Typical value		
Net weight	100 g	500 g	1000 g
Coil size (D x H)	-	200x65 mm	200x65 mm
Coil core diameter	-	52 mm	52 mm
Length per kg	350 m (1,75 mm) / 132 m (2,85 mm)		

Plastics degrade and lose their properties over time. We recommend using the purchased roll within 12 months of opening the outer packaging. Store the material in a cool, dry, and dark place to maintain its quality. Avoid direct contact with the molten product, as it can cause severe burns—take appropriate safety measures. When the material is heated above its melting point, vapors may be released, so ensure proper ventilation. Avoid overheating the material. The provided information has been compiled to the best of our knowledge and understanding. The technical data are typically based on sample values and are not guaranteed characteristics. They may be subject to change as products are developed.