

Physical properties

Property	Typical value
Density	1,27 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	ASTM D3418	72°C

Mechanical properties

Property	Test method	Typical value
Tensile stress	ASTM D638	50 MPa
Elongation at break	ASTM D638	40 %
Flexural modulus	ASTM D790	1890 MPa

Recommended printing conditions

Property	Typical value
Printing temperature	230-245°C
Buildplate temperature	50-70°C
Printing speed	50 mm/sec

Packaging

Property	Typical value			
Net weight	100 g	500 g	1000 g	3000 g
Coil size (D x H)	-	200x65 mm	200x65 mm	300x95 mm
Coil core diameter	-	52 mm	52 mm	52 mm
Length per kg	310 m (1,75 mm) / 120 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.