



PP Filament

Description

Requires heated bed
High strength to weight ratio
Good impact and fatigue resistance
Low coefficient of friction

Application

Flexible hinges, automotive parts
Electrical insulators
Kitchen/bathroom ware plastics

Processing Guide

Nozzle Temperature (°C)	230-260
Heated bed temperature (°C)	80-110
Adhesive on build plate	Required or PP plate (optional)
Printing environment	Room Temperature

Diameters and Tolerances

Dia. 1.75 mm	±0.04 mm
Dia. 2.85 mm	±0.05 mm

Physical Properties

Density (g/cm ³)	0,90
Melt Flow Rate (g/10min)	(test cond.190°C/2.16kg) 24,5

Mechanical Properties

Tensile Strength-Yield (MPa)	26
Izod Impact, Notched 23 °C (kJ/m ²)	9
Flexural Modulus (MPa)	1430
Rockwell Hardness (D-scale)	91

Thermal Properties

Vicat Softening Temperature (°C)	@10N	151
Flammability		HB
