



ProFila Filament Datasheet Material: PLA Speed V2

PREMIUM FILAMENT

Suggested printing specs.	Unit	Value	Test Method
extruder temp C° 190-210 internal	235-250	C°	internal
plate temp C° cold to 80 internal	90	C°	internal
min. nozzle diameter mm. 0,3 internal	0,4	mm.	internal
fan % 20-100 internal	0	%	internal
print speed mm/1° up to 400 internal	30-60	mm/1°	internal

Material Properties	Value	Unit	Standard
Physical			
Density g/cm3 1.24 ASTM D792	1.05	g/cm3	ISO 1183
Mechanical at 23°C / 50% rh			
Tensile modulus MPa 65.5 ASTM D882	2200	MPa	ISO 527-2
Thermal	47	MPa	ISO 527-2/50
Melting point °C 144 ASTM D3418	no break	kJ/m2	ISO 179
Vicat softening temp. °C 55-60 ASTM D3418	no break	kJ/m2	ISO 179

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