PVA HT12 filament

FDM Technology, 221206

Introduction

High Temperature Soluble Support Material

Weight: 500 gr
Diameter: 1,75 mm - 2,85 mm
Color: Transparent

Main Features

- High temperature resistance
- 2-3x faster dissolution speed
- Low moisture absorption





Technical Data Sheet

Recommended 3D-Print processing parameters		
Nozzle Temperature		230 – 250 °C
Build Chamber Temperature		-
Bed Temperature		60 – 70 °C / 122 – 158 °F
Bed Material		PEI or Glass
Nozzle Diameter		⩾ 0.4 mm
Print Speed		20 - 30 mm/s

Mechanical Properties (Dry)		
Tensile strength	5 MPa	ISO 527
Elongation at Break	2,5 %	ISO 527
Izod impact strenght (unnotched)	20 kJ/m^2	ISO 180

Thermal Properties		
HDT @ 1.8 MPa		
HDT @ 0.45 MPa		
Glass Transition Temperature	120 °C / 158 °F	ISO 11357-2
Melting Temperature	234 °C / 453 °F	

Notes

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