

Modix

Large Scale 3D Printers

TECHNICAL DATA SHEET

MODIX-FILAMENT-SOLUBLE

Version: V1

Revision date: 04/02/2024

Product properties	Units	
Material		Proprietary acrylic copolymer
Color		Natural
Transparency		Opaque
Net weight filament	kg	0.5
Spool dimension (∅ x height)	mm	200 x 55
Core hole diameter of the coil	mm	52
Diameter	mm	1.75
Diameter tolerance	mm	±0.05
Circularity tolerance (max.)		±5 %
Solubility in water		No
Solubility in MODIX-FILAMENT-SOLUBLE-SOLUTION		Yes
Minimum pH value for dissolution		>10
Physical properties		
Density (21.5 °C)	g/cm3	1.1
Melt flow index (MFI) at 160 °C, 10 kg	g/10 min	11
Glass transition temperature	°C	70
Print settings		
Extruder Temperature	°C	200-220
Bed Temperature	°C	50-80
Chamber Temperature	°C	Up to 60
Dissolution	°C	Min 40
Printing material		PETG, PA(Nylon), TPU

For more information about print settings and user guide visit our online guide: [MODIX-FILAMENT-SOLUBLE user guide](#)

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