



## TREED FILAMENT DATASHEET

MATERIAL : FlexMark 7, FlexMark 8, FlexMark 9

### WE CARE ABOUT YOUR PRINTS

Suggested printing specs.	FlexMark7	FlexMark8	FlexMark9	Unit	Standard
Extruder Temperature	225° +/-10°	225° +/-10°	225° +/-10°	°C	Internal
Bed Temperature	cold to 45	cold to 45	cold to 45	°C	Internal
Print speed	10-20	20-30	25-35	mm/s	Internal
Fan	0-50	0-50	0-50	%	Internal
Minimum Nozzle Diameter	0,3	0,3	0,3	mm	Internal
Material Properties	FlexMark7	FlexMark8	FlexMark9	Unit	Standard
Density	1,2	1,22	1,24	g/cm <sup>3</sup>	ISO 1183
Hardness	70	81	93	sh/A	ISO 868
Elongation at break	750	750	600	%	ISO 37
Tensile Strain	40	50	55	MPa	ISO 37
Compression set at 70°C	35	35	45	%	ISO 815
Charpy Impact at 23°C	No Break	No Break	No Break	kJ/m <sup>2</sup>	ISO 179
Charpy Impact at -30°C	No Break	No Break	No Break	kJ/m <sup>2</sup>	ISO 179
Abrasion loss	42	40	30	mm <sup>3</sup>	ISO 4649

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