


Brandnew Water Soluble Filament for 3D printer

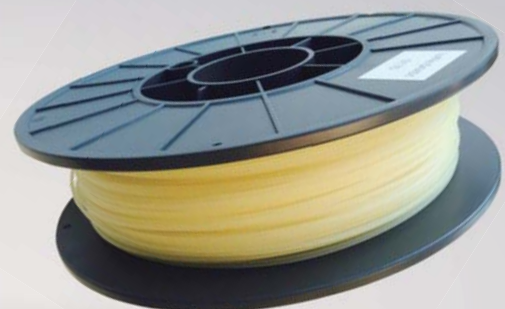


For Fused Deposition Modeling 3D printer
Support filament



MELFIL

Nippon Gohsei's MelFil™ is a support filament for FDM 3D printer made of eco-friendly new material, BVOH. With its excellent safety, modelling-ability and water solubility bring us a new potential in 3D printing.





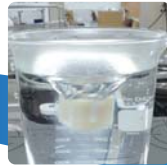
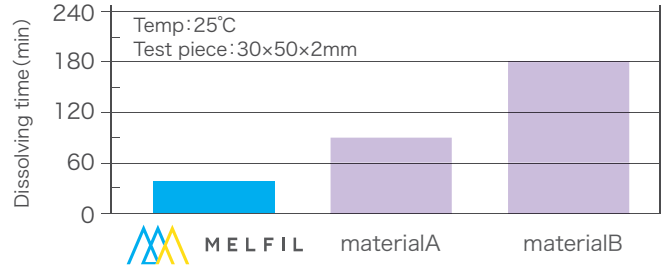
MELFIL

For Fused Deposition Modeling 3D printer
Support filament

Dissolve in cold water Excellent adhesion to ABS/PLA filament

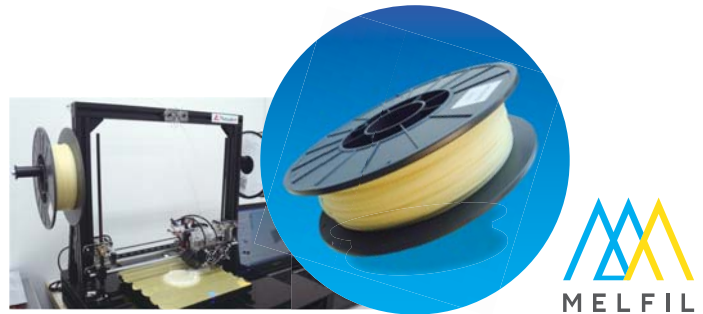
Superior Water Solubility

- Easily removed by cold water
- Not necessary to prepare any harmful solvents



Superior Printability

- Excellent adhesion property to ABS and PLA
- Less shrinking in printing
- Excellent heat stability
- Lower moisture absorption

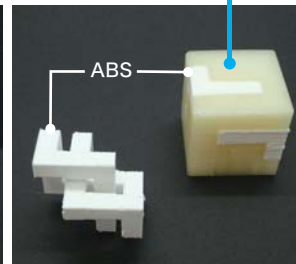


Property

Main material	Butenediol Vinyl alcohol Co-polymer (BVOH)
Weight(g)	500
Diameter(mm)	1.75±0.07
Recommended condition	Bed temp.:80-100°C Nozzle temp.:190-210°C



water soluble support



water soluble spacer



water soluble model

2016 4.1

Attention

After printing MelFil™, the nozzle should be completely purged with ABS or PLA, otherwise the remained MelFil™ will harden and stuck on the nozzle. MelFil™ is water soluble filament, therefore it will be solved if it gets wet. Please be careful of the storage of MelFil™. When you don't use MelFil™, make sure to keep it into a damp-proofing Aluminum bag. We strongly recommend you to keep it into a desiccator. Once MelFil™ absorbs water, it possibly causes bubbles when printing.

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