

Kuraray at Formnext in Frankfurt am Main, Germany: MOWIFLEX™ 3D 2000 - Sustainable filament for 3D Printing

Hattersheim am Main, November 07, 2019. Kuraray is launching a new biodegradable 3D printing filament manufactured under the MOWIFLEX™ brand offering a ground breaking and sustainable water soluble support material technology to 3D printing. The company is presenting the development at Formnext - Frankfurt am Main, Germany November 19 - 22, 2019.

What is MOWIFLEX™ ?

MOWIFLEX™ is a water soluble thermoplastic material based on PVOH made by Kuraray. The lineup include grades for various applications like 3D printing, sausage casing, injection molding, frac balls, etc.

What new possibilities does MOWIFLEX™ offer?

MOWIFLEX™ as a biodegradable water soluble support material for 3D printing shows excellent printability and cold water solubility combined with low moisture absorption from the atmosphere. This enables printing of complex structures, even including moving parts, in one piece and high quality print using FFF (fused filament fabrication) technology.

After printing is complete, the support structures can be easily dissolved in water, which can be conveniently disposed to drain due to the biodegradable nature of MOWIFLEX™.

Our latest development allows for faster dissolving and better adhesion to various materials (e.g. PLA, PA, PVB, TPU, PETG).



Captions/Source images: Kuraray

[Image 1] Caption:

MOWIFLEX™ resolves support structures challenges of FFF/FDM based techniques.

Who are we?

Established in 1991, **Kuraray Europe GmbH** is based in Hattersheim, near Frankfurt am Main, Germany. In 2018 the company generated annual sales of EUR 690 million. It has approximately 700 employees in Germany at its sites in Hattersheim, Frankfurt and Troisdorf. Kuraray is a global speciality chemicals company and one of the largest suppliers of industrial polymers and synthetic microfibres for many sectors of industry. Examples are KURARAY POVAL™, Mowital®, Trosifol® and CLEARFIL™.

Kuraray Europe also has around 200 employees at six other European sites. They are also working on the development and application of innovative high-performance materials for a wide range of sectors, including the automotive, paper, glass and packaging industries, as well as for architects and dentists.

Kuraray Europe is a wholly owned subsidiary of the publicly listed Kuraray Co., Ltd., which is based in Tokyo, Japan, and has more than 10,000 employees worldwide and sales of EUR 4,8 billion.

This press information including images is available under:

<https://www.kuraray.eu/en/presse/>

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