

### **Kuraray at Rapid + TCT in Detroit, Michigan: Launch of new MOWIFLEX™ filament for 3D Printing**

Hattersheim am Main, May, 3 2019. Kuraray is launching a new 3D printing filament manufactured under the MOWIFLEX™ brand offering a ground breaking water soluble support material technology to 3D printing. The company is presenting the development at Rapid + TCT in Detroit, Michigan May 20 - 23, 2019.

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).

#### **About 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 and diverting agents.

Captions/Source images: Kuraray



[Image 1] Caption:  
MOWIFLEX™ resolves support structures challenges of FFF/FDM based techniques.

## **About Kuraray**

Established in 1991, Kuraray Europe GmbH is based in Hattersheim, near Frankfurt am Main, Germany. In 2016 the company generated annual sales of over EUR 600 million. It has 760 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 100 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 9,000 employees worldwide and sales of over EUR 4 billion.

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