

MATERIAL INFORMATION

Release date: 12-03-2017 | Update: 26-03-2018

DESIGN FILAMENT SERIES™

Design Filament Series™ is a line of economic filaments produced on the basis of granules modified for use in FDM spatial printing. It complements the offer of the technical line - Compositum Filament Series™ and is a response to the expectations of the brand's clients and the market. Due to the attractive price, filaments from the Design line allow to reduce the costs of manufactured parts, which are to be seen as illustrative, conceptual or also useful, but for which very high strength parameters - corresponding to the Compositum™ series are not required. At the moment the line of filaments Design includes one material with the markings:

- **PLA FL™**

Design PLA FL™



PLA FL™ - elastic PLA material, which is next to ABS plastic, one of the most popular filaments used for 3D printing in FDM technology. Thanks to the use of the proprietary PLA FL™ technology, it is definitely more flexible and resistant to brittle fracture in relation to typical materials of this genre. The filament is embossed with a tolerance of the cross-sectional area deviation up to 0.01, which allows to obtain the ideal lateral surface. PLA FL™ is characterized by excellent cohesion of layers and incredible simplicity of printing. It is an ideal material for hobby applications, creating conceptual or conceptual models. It also works great in the

advertising industry for the production of gadgets, statuettes, etc. This material is available in two diameters: 1.75mm and 2.85mm. The palette of standard colors includes eight shades: white, gray, yellow, red, orange, blue, green, black.

Recommended print settings: Hot-End – 190-210°C
Hot-Bed– 20-40°C (COROPad), 45-60°C (C-Stick)



HMF CHEMICAL
ADVANCED MATERIALS

CHEMICALLY MANUFACTURED FILAMENTS

Łódź Branch

Garnizonowa 19F/1
94-224 Łódź
POLAND

Grodzisk Mazowiecki Branch

3-go Maja 12A
05-827 Grodzisk Mazowiecki
POLAND

Niedomice Branch

Kolejowa 2
33-132 Niedomice
POLAND