



PRINT YOUR FUTURE IN 3D

Dr Ana Ferrández Montero



WHO ARE WE?



COLFEED4PRINT

We are a company founded in 2020 that emerged with the aim of transferring the technology developed in one of the lines of research of the Colloidal Processing group of the Institute of Ceramics and Glass of the CSIC (Spanish National Research Council).

We manufacture filaments of **functional materials** for fused filament 3D printing

www.colfeed.es



HOME PRODUCTS & TECHNOLOGY ABOUT US SAFETY NEWS CONTACT

PRINTABLE PRODUCTS FOR NEW MANUFACTURING CHALLENGES

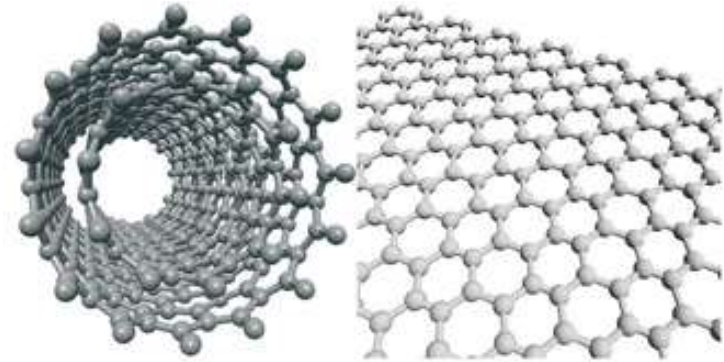
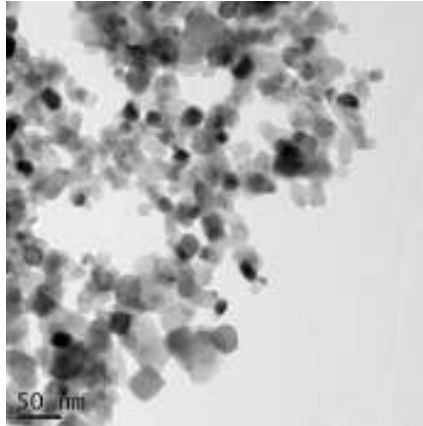
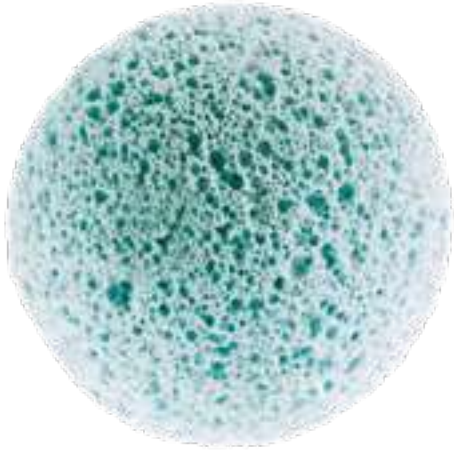


COLFEED₄Print develops and manufactures feedstock for 3D printing

B2C Research



New feedstock for 3D printing



New feedstock for 3D printing





SMALL CUSTOMIZABLE LOTS OF HIGH ADDED VALUE





FILAMENT-Eco



Eco

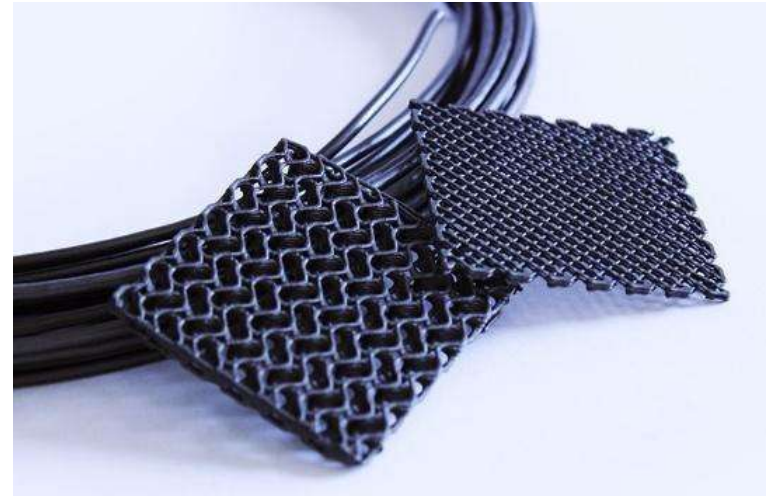
TiO_2 & ZnO

The product is suitable for many catalytic and photocatalytic applications. Its structure also makes it suitable for use as an effective filter.



Graphene & Graphite

The product is conductive (25 vol.% Graphene have a conductivity of 11 S m^{-1}) and ideal for applications as an electrode substrate.





FILAMENT-Oss



FILAMENT-Oss

A bioactive material supported by a biodegradable polymer matrix for personalized bone regeneration.



Compositions: up to 50 vol.% of inorganic (HA, β -TCP, Mg, Ti, etc.)



- Control of implant degradation time
- Biocompatibility
- Good adhesion and cell growth
- Antibacterial effect
- Adaptable to the patient



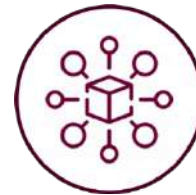
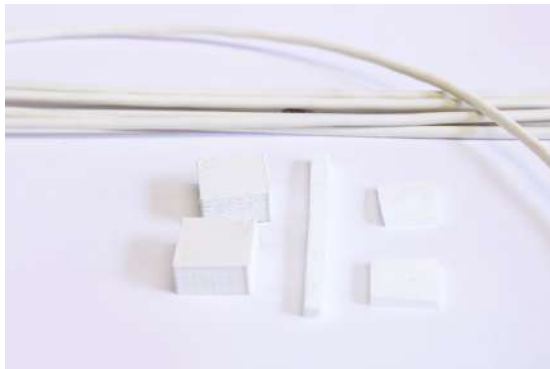
FILAMENT-Cer

Sinterable filaments

Easily printable filament with a high content of ZrO_2 & Al_2O_3 . After printing your desired shape, the sintering process provides you a 100% ceramic piece or scaffold.



Printable in basic fused filament equipment



Sinterable in one step process

NEOTEC FILAMENT-Oss

Certification of FILAMENT-Oss products to be used in dental clinics and traumatic treatments with reabsorption of the implants, preventing second surgeries.



Misiones



” Recovery of Ceramic and Metallic Wastes through Powders Generation for Additive Manufacturing and other Applications with High Added Value “Collaborators:



Collaborators:



Our team



Dr Ana Ferrández
FILAMENT-Oss

Postdoctoral
Researcher at Institute
of Ceramic and Glass



Dr. Juan Escribano
CEO



Dr. Begoña Ferrari
COO



Dr. Javier Sánchez
Production manager



Dr. Caterina Chirico
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Dr. Joaquín Yus
FILAMENT-Eco



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FILAMENT-Tile



Technological Spin-off from CSIC

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