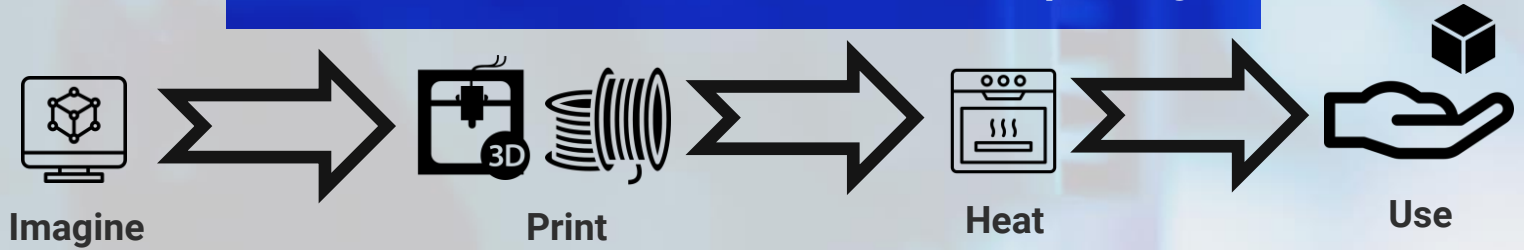


We *evolve* ceramic technology to *revolutionize* additive manufacturing

Technical ceramic filaments 3D-FDM printing



Fabricate advanced ceramic parts the easy way with our filaments

Alumina

Titania

High purity alumina is a versatile technical ceramic, with applications in commodity sectors (tooling or abrasive parts), but also in aeronautical and aerospace sectors (turbines and engine parts). Our catalog includes different alumina ceramic filaments to cover all the needs of our clients.

Titania is used in a wide range of fields including catalysis, photocatalysis, and antibacterial agents. In the last years, different applications related to biomedical applications have emerged due to their good biocompatibility characteristics.



LCO/LTO

Non-oxide ceramics and CMCs

Lithium Cobalt Oxide (LCO) and Lithium Titanium Oxide (LTO) are used as ceramic cathodes and anodes in traditional and solid-state Li-ion batteries. Combining good mechanical strength and thermal resistance they are an excellent alternative to polymer-based batteries. Our catalog includes pure and charged (with conducting additives) LTO and LCO filaments.

Our patented technology is capable to produce filaments of non-oxide engineering ceramics (SiC and Si_3N_4) and CMCs (Ceramic Matrix Composites).



ADDRESS

PARC CIENTIFIC UNIVERSITAT DE VALÈNCIA
C/ Catedrático Agustín Escardino, 9
46980 Paterna (Valencia)
SPAIN

CONTACT

comercial@print3dsolutions.com
<https://print3dsolutions.com/>