



## Earth applications

With its patented technology, Kilncore Fusion enables the additive manufacturing of advanced materials by powder deposition into layers that are transformed under controlled temperature, pressure, and atmosphere.

A mix of precursors heated to an activation temperature allows the production of parts made of:

- Ta + C: tantalum carbide (hypersonic tiles)
- Si + N: silicon nitride (thrusters)
- Fe + N: iron nitride (magnets)

Up to 7 different materials can be combined programmatically!