



## Additive Manufacturing Process Continuous Reinforcement Fibers And High Fiber Volume Content

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### The Invention

An additive printer dispenses filament having high volume content of axial reinforcing fibers impregnated with a partially cured thermoset material. Partial curing provides sufficient mechanical integrity for high-density fiber support and retention while maintaining tackiness necessary to allow layer by layer additive construction. The complete construction may then be heated to provide complete curing.

#### Tech Fields

- [Engineering : Additive manufacturing](#)

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