

3D Printed Graphene

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What's unique about Graphene?

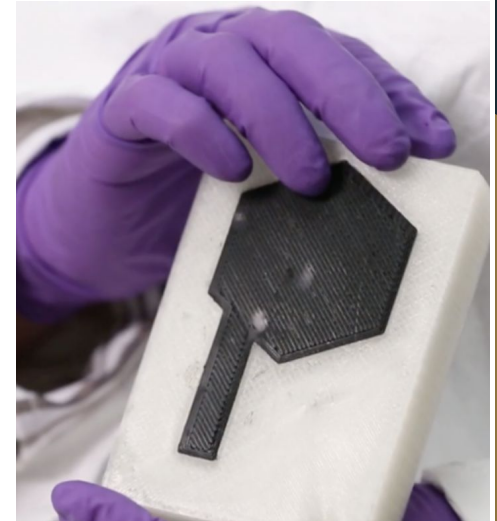
Thinnest, strongest, and most flexible material in the world + great conductor of heat and electricity

Why is this important?

Useful in electronic components (circuits, transistors, sensors, etc.), energy storage, medical applications (graphene is biocompatible!), composite materials, water filtration

Why hasn't it been 3D printed before?

Doesn't retain all of its benefits if mixed with other materials, extremely difficult to produce pure graphene in large quantities



[Video](#)

<https://www.sciencedirect.com/science/article/pii/S2590049821000278>