

# Mechanical and thermal properties of filamentary-reinforced structural composites at cryogenic temperatures 1: Glass-reinforced composites.

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## Cryogenics

Volume 15, Issue 6, June 1975, Pages 327-349

Paper

### Mechanical and thermal properties of filamentary-reinforced structural composites at cryogenic temperatures 1: Glass- reinforced composites [â††](#)

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[https://doi.org/10.1016/0011-2275\(75\)90079-X](https://doi.org/10.1016/0011-2275(75)90079-X)

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## Abstract

This article is an extensive review of the literature on the mechanical and thermal properties of glass-reinforced structural composites at cryogenic temperatures. The objective is to provide an understanding of the general magnitude of property values obtainable within the cryogenic temperature range, to provide a feel for the relative literature ranking of specific composite types with regard to a specific property, and to impart an understanding of the temperature sensitivity of the property of interest. A bibliography and bibliography-property cross-reference is included. This is Part I of a two-part series. Part II will consider advanced composites.



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<sup>†</sup> This research was supported by the Advanced Research Projects Agency of the Department of Defence under ARPA Order No 2569.

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the experimental law of the excluded third, generating periodic pulses of synchrotron radiation.

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