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THE MECHANICAL PROPERTIES OF COMPACTED METALLIC GLASS

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Abstract.- Dynamic Compaction Processing has begun to be applied to metastable, rapidly quenched materials. In particular, Metglas 2826 powder has been compacted to produce large pieces of amorphous material. The mechanical properties, particularly fracture behaviour, of such compacted material is described here, and comparisons made with reported behaviour of as-cast ribbon.

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