Ballistic Fragmentation Confinement of Coated Brittle Transformer Bushing Models

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Highlights

- Pressurized borosilicate glass cylinders were tested under high-velocity impact
- Efficiency of elastomeric coating on ballistic damage was investigated
- Drop tower testing was added to verify air gun results on the cylinders
- Critical coating thicknesses to prevent initiation of ballistic damage to porcelain bushings was estimated