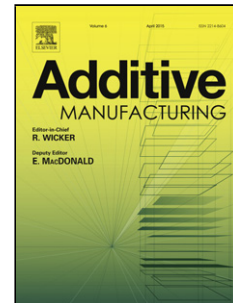


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## Additive Manufacturing of Silicone Structures: A Review and Prospective

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### Abstract

*Additive Manufacturing (AM) has the potential to facilitate the limitless design and fast fabrication of silicone structures with controllable internal features and heterogeneous properties. The challenging task of developing AM systems able to handle viscous thermosetting silicones is reviewed in this work, with a focus on their use for biomedical applications. Moreover, the development of silicone tailored for AM is reviewed by examining three areas of curing mechanisms, rheological properties, and mechanical performance.*

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