

# **Snap Cure Infusion Resin System for Fire Resistant Aircraft Structures and Interiors**

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## **ABSRTACT**

Trimer Technologies has developed a high-performance thermosetting infusion resin that provides cure times as fast as 30 seconds while achieving the mechanical properties of 350 F (177 C) cured epoxies with a Tg greater than most BMIs without a post cure. While enabling a fast cure, the system offers a long gel time to enable infusion of large components and greatly exceeds FAA fire resistance standards for aircraft interiors. This presentation will describe the unique processing and material properties offered by Timer's new resin.