

Radiant Panel Test - Impact of Insulation Density for Approved Aerospace Insulation and Code Compliant Films

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Abstract:

Since the implementation of the flame propagation test (FAR 25.856-a1), commonly referred to as the radiant panel test, questions have arisen as to possible variations in fire performance for aerospace insulations used at low and high densities when encapsulated in various code compliant films. This review will provide current information on various types of industry approved aerospace insulations including fiberglass and foams, encapsulated by typical or standard light weight films.