

Fire Test for Aeronautical Materials

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***Abstract:** Composites are used in a diverse range of applications, such as chemical industry, aerospace and civil engineering infrastructure. Nevertheless, such materials must be fireproofed and their thermal withstanding depends on their thermos-physical properties. Temperature, time and chemical interactions are some of the parameters that impact these properties. In principle, the specific test method required serves as a surrogate for the fire environment to which a given material could potentially be exposed, and the test criteria relate to the performance of the material.*

The present study talks about some fire test and standards required in the aeronautical fields, where the composite materials are the preferred used for the gain of weight and their mechanical behavior.

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