

Abstract

The Federal Aviation Administration (FAA) mandates that insulation on electrical wire and electrical cable installed in any area of the fuselage must be self-extinguishing when tested in accordance with the sixty-degree flammability test specified in Appendix F of Part 25 in the Federal Aviation Regulations. This paper will discuss the results of other flammability testing performed on various wire insulation materials and their correlation with the 60-degree test.