

UI 94 v0 pdf

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Commonly run across are HB and V (V-0, V-1, or V-2). Failure to pass the ULV test is a precondition of all VTM ratings. The test for flammability of plastic material used in parts for electronic devices and appliances is commonly known as ULA. Total of specimens (2 sets) are tested per thickness. These ratings are established using small-scale tests in which approximately 5 by 1/2 inch samples are tested besides the UL test. UL, the Standard for Tests for Flammability of Plastic Materials for Parts in Devices and Appliances includes small scale tests that evaluate the flammability of polymeric UL, the Standard for Safety of Flammability of Plastic Materials for Parts in Devices and Appliances testing. These include: Automotive FMVSS, Aerospace FAR, Flame spread ASTM E, Heat release ASTM E, Limiting Oxygen Index ASTM D or ISO, Fire Test for Heat and Visible Smoke UL, Surface Burning Characteristics UL, Smoke density ASTM E. This is the highest and most flame retardant level of the UL ratings. Flame ratings of HB, V-2, V-1, and V-0, are used when looking at the flame ratings for plastic materials. This method is used to determine the UL VTM-0, VTM and VTM flammability ratings of thin materials. The ignition characteristics of plastic materials. Two UL ratings that code officials use. The vertical ratings also indicate whether the test specimen dripped flaming particles that ignited a cotton indicator located below the sample. A blue 100mm high flame is applied to the center of the lower edge of the specimen for 30 seconds. The three vertical ratings, V2, V1 and V0 indicate that the material was tested in a vertical position and self-extinguished within a specified time after the ignition source was removed. The testing is conducted on bar and plaque specimens using a larger flame height than in vertical testing (mm vs mm). UL also exceeds mm, or whose surface area exceeds UL. Standard provides a method for rating. There are two types of pre-selection test programs conducted. UL covers two types of testing criteria: Horizontal Burn and Vertical Burn. Five specimens of each thickness are tested after conditioning for 24 hours at 23 degrees C and 50% RH. Each specimen is supported such that its lower end is 100mm above Bunsen burner tube. ULV is a test standard for materials which are already classified as UL. It is a more stringent test than UL in several ways.

 Difficulté Très facile

 Durée 344 jour(s)

 Catégories Science & Biologie

 Coût 541 USD(\$)

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Étape 1 -
