

Vertical Flame Single Wire

This test details a method of test for the assessment of the flame propagation characteristics of a single wire or cable.

IEC/ BS EN 60332-1 test procedure:

A 60cm cable sample is fixed vertically inside a metallic box and a flame about 175mm long with an inner blue cone about 55mm long is applied at an angle of 45° from a propane burner placed at 450mm from the top at the upper portion. The top of the bottom clamp and the bottom of the top clamp is 550 ± 25 mm.

The flame must extinguish itself, the charred or affected position does not reach to 425mm above the point of flame application.

