Flame tests for electrical cables

Flame tests for electric cables UL 1581 section 1080 (FV-2 / VW-1 Flame Test)

Description	UL 1581 section 1080 - reference to standard UL 2556, section 9.4 (FV-2 / VW-1 Flame Test)
Length of specimen	610 mm
Burner	Bunsen burner with additional air supply (Tirril gas burner) Ø 9.5 mm
Test temperature	500 W flame
Position of specimen	vertical
Position of flame	20° to vertical specimen
Duration of flaming	5 x 15 seconds with at least 15 seconds flaming break
Conditions	Paper max. 25% carbonized. The specimen may keep on burning for max. 1 minute after any application.

The specimen may keep on burning for max. 1 minute after any application. Material dropping must not ignite the cotton (B) lying under the specimen.

