

TEST RESULT

50 W vertical flame test

Test Method : IEC 60695-11-10

Evaluation	Method	Requirement	Results	Rating
Apparent density	ISO 845-2006	Report apparent density	1400.8 kg/m ³	DATA
Vertical burning test	IEC 60695-11-10	Individual test specimen afterflame times (t ₁ , t ₂): 10s	M 1s (No particles or molten drips)	PASS
		Total afterflame time t _f for any conditioned set of five specimens: 50s	M 10s	PASS
		Individual test specimen afterflame time plus afterglow time after the second flame application (t ₂ + t ₃) : 30s	M 1s	PASS
		Afterflame and/or afterglow of any specimen burned to the holding clamp : No	M No	PASS
		Cotton indicator pad ignited by flaming particles or drops : No	M No	PASS

Remarks:

“As received” conditioned test specimens : 48h 24.0 °C and 57.5 %RH.

Test conditions : 26.5 °C and 51.4 %RH.

Test specimen dimensions : length×width×thickness = 125.3 mm×12.6mm×3.12 mm

Criteria for vertical burning classification

Criteria	Materials classification		
	V-0	V-1	V-2
Individual test specimen afterflame times (t ₁ , t ₂)	10 s	30 s	30 s
Total afterflame time t _f for any conditioned set of five specimens	50 s	250 s	250 s
Individual test specimen afterflame time plus afterglow time after the second flame application (t ₂ + t ₃)	30 s	60 s	60 s
Afterflame and/or afterglow of any specimen burned to the holding clamp	No	No	No
Cotton indicator pad ignited by flaming particles or drops	No	No	Yes

Result Key:

C Claimed
R Recorded
M Meets
NM Does Not Meet
NA Not Applicable
NT Not Tested

Rating Key:

PASS Pass
FAIL Fail
DATA Data

Original Sample



END