

I. Test conducted

This test was conducted according to NF P 92-507:2004 Fire safety-building-interior fitting materials - Classification according to their reaction. And the test methods as following:

NF P92-503:1995 Safety against fire Building materials – Reaction to fire tests Electrical burner test used for flexible materials

II. Details of sample

Type	PVC
Color	White
Composition	PVC and Polyester
Size of sample	600mm×180mm
Thickness	0.4mm
Mass per unit area	510g/m ²

III. Conditioning

Prior to testing, the sample was conditioned,

In an atmosphere having a temperature of 23±2°C and a relative humidity of 50±5% for 7 days or until constant mass is obtained. The mass is considered as constant when two successive weightings 24 hours apart do not differ by more than 0.1% or 0.1 g (take the highest mass value).

IV. Test results

NF P92-503:1995 Electrical burner test

During the testing, the following details are noted:	Sample1	Sample2	Sample3	Sample4
The time of inflammation and its duration after withdrawing the pilot flame (seconds)	4	6	5	8
Flaming molten droplets (Yes/No)	No	No	No	No
Non-Flaming molten droplets (Yes/No)	No	No	No	No
Flaming debris (Yes/No)	No	No	No	No
Non-Flaming debris (Yes/No)	No	No	No	No
The presence of white-hot spots with or without propagation effects (Yes/No)	No	No	No	No

To be continued....

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