

Fire Retardency Reports on Tapetex Wall Materials - USA ASTM

E.031712B.v2

Textile Testing, USA, did test the Tapetex Wall Materials as per the test-methods:

- ASTM E84-16
- NFPA No. 255
- UL No. 723

The test data are provided for general informational purposes only and do not by itself incorporate all factors required for fire-hazard or fire-risk assessment of products under actual fire conditions.

The Tapetex Wall Materials were arranged in 7 compositions:

1. Tapetex woven textiles of cellulosic fibres (linen, cotton, viscose)

on a paper backing of 70% woodpulp reinforced with 30% polyester and with a maximum weight of approx. 450 gr/m² (13.3 oz/sq/yd). Tested quality 66-1481.

Test-report Textile Testing : 79719, dated May 2, 2016
Test-result : Class 1 or A Flame Spread Index : 20
Smoke Development Index : 55

2. Tapetex woven textiles of cellulosic fibres (linen, cotton, viscose) and synthetic fibres (polyester, nylon)

on a paper backing of 70% woodpulp reinforced with 30% polyester and with a maximum weight of approx. 450 gr/m² (13.3 oz/sq/yd). Tested quality 66-1420.

Test-report Textile Testing : 79717, dated May 2, 2016
Test-result : Class 1 or A Flame Spread Index : 20
Smoke Development Index : 35

3. Tapetex woven textiles of animal fibres (silk, wool)

on a paper backing of 70% woodpulp reinforced with 30% polyester and with a maximum weight of approx. 450 gr/m² (13.3 oz/sq/yd). Tested quality 66-1521.

Test-report Textile Testing : 79720, dated May 2, 2016
Test-result : Class 1 or A Flame Spread Index : 20
Smoke Development Index : 30

4. Tapetex woven textiles of animal fibres (silk, wool) and synthetic fibres (polyester, nylon)

on a paper backing of 70% woodpulp reinforced with 30% polyester and with a maximum weight of approx. 450 gr/m² (13.3 oz/sq/yd). Tested quality 66-1436.

Test-report Textile Testing : 79718, dated May 2, 2016
Test-result : Class 1 or A Flame Spread Index : 25
Smoke Development Index : 85

5. Tapetex woven textiles of synthetic fibres (polyester, nylon)

on a paper backing of 70% woodpulp reinforced with 30% polyester and with a maximum weight of approx. 450 gr/m² (13.3 oz/sq/yd). Tested quality 66-1648.

Test-report Textile Testing : 79721, dated May 2, 2016
Test-result : Class 1 or A Flame Spread Index : 20
Smoke Development Index : 50

6. Tapetex one-layer nonwoven of cellulosic and polyester fibres

with a maximum weight of approx. 260 gr/m² (7.67 oz/sq/yd).

Test-report Nonwoven Testing : 18-000836, dated February 13, 2018

Test-results : Class 1 or A Flame Spread Index : 25
Smoke Development Index : 15

7. Tapetex multi-layer nonwoven of cellulosic and polyester fibres

with a maximum weight of approx. 400 gr/m² (11.80 oz/sq/yd).

Test-report Nonwoven Testing : 18-000837, dated February 13, 2018

Test-results : Class 1 of A Flame Spread Index : 20
Smoke Development Index : 35