

Reaction to Fire Classification Report

Name of client: Kvadrat A/S
Product name: Noon 182 100% polyester FR
File no.: PCA10789A
Date: 2022-09-01 **Revision no.:** 1
Pages: 4 **Encl.:** 0
Ref: JAG / MPA

Client information

Client: Kvadrat A/S
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The results relate only to the items tested. The report should only be reproduced in extenso - in extracts only with a written agreement with this institute.

Revision chronology				
Rev. no.	Date	Description	Author	Approved
0	2022-03-04		JAG	MPA
1	2022-09-01	Corrected unit from 65 kg/m ² to 65 g/m ² in section 2.2	JAG	MPA

1. Introduction

This classification report defines the classification assigned to the product group “Noon 182 100% polyester FR” in accordance with the procedures given in EN 13501-1:2018.

2. Details of classified product

2.1 General

The product group “Noon 182 100% polyester FR” is defined as curtain fabric.

2.2 Product description

The product “Noon 182 100% polyester FR” is a grey coloured fabric made of 100% Fire retardant polyester with a weight per unit area: 65 g/m² and a thickness of approx. 0.16 mm.

Further product specifications are known to DBI - Danish Institute of Fire and Security Technology and are filed under the file number below.

3. Reports and results in support of this classification

3.1 Reports

Name of laboratory	Name of client	Report ref. No	Test method Field of application rules	Date
DBI	Kvadrat A/S	PFA11880A	EN ISO 11925-2 EN 13823	2022-02-04 2022-02-16

3.2 Results

Test methods	Parameter	Number of tests ^a	Results	
			Continuous parameter mean (m)	Compliance with parameters
EN 13823	FIGRA _{0.2 MJ} (W/s)	3	0	(-)
	FIGRA _{0.4 MJ} (W/s)	3	0	(-)
	THR _{600s} (MJ)	3	0.2	(-)
	SMOGRA (m ² /s ²)	3	0	(-)
	TSP _{600s} (m ²)	3	0	(-)
	LFS < edge	3	(-)	Y
	FDP _{f≤10s}	3	(-)	Y
	FDP _{f>10s}	3	(-)	Y
EN ISO 11925-2 Surface flame attack, 30 s exposure	F _s ≤ 150 mm within 60 s.	6	(-)	Y
	No ignition of filter paper	6	(-)	Y
Edge flame attack, 30 s exposure	F _s ≤ 150 mm within 60 s.	6	(-)	Y
	No ignition of filter paper	6	(-)	Y
a Not for extended application Y "Compliant" (-) not applicable				

4. Classification and field of application

4.1 Reference of classification

This classification has been carried out in accordance with clause 11.6, 11.9 and 11.10 of EN 13501-1:2018.

Classification

The product "Noon 182 100% polyester FR" in relation to its reaction to fire behaviour is classified: B

The additional classification in relation to smoke production is: s1

The additional classification in relation to flaming droplets/particles is: d0

Reaction to fire classification:

B-s1,d0

4.2 Field of application

This classification is valid for the following end use conditions:

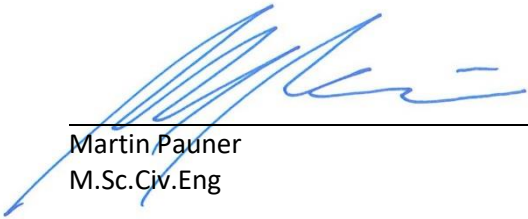
- Free hanging.

This classification is also valid for the following product parameters:

- No changes from tested product described in section 2.2 allowed

5. Limitations

This classification document does not represent type approval or certification of the product.



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