Standard Carpets ind llc
P.O. Box No. 490014 Dubai Industrial City
DUBAI
United Arab Emirates

Your notice of	Your reference	Date
09-11-2023		11-12-2023

Analysis Report 23.06040.01

Required tests :
AS ISO 9239-1 (2003) **Reaction to fire tests for floorings - Determination of the burning behaviour using a radiant heat source**

Sample id	Information given by the client	Date of receipt
T2325412	ALEXANDRIA (100% Solution Dyed Nylon Carpet)	09-11-2023

Kristina De Temmerman
Order responsible

Reference: **T2325412** - ALEXANDRIA (100% Solution Dyed Nylon Carpet)

Reaction to fire tests for floorings - Determination of the burning behaviour using a radiant heat source

Date of ending the test	07-12-2023
Standard used	AS ISO 9239-1 (2003)
Deviation from the standard	-
Conditioning	23°C, relative humidity 50% Minimum 14 days or until constant mass is achieved

The test results relate to the behaviour of the test specimens of a product under the particular conditions of the test: they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use.

Test specimen

Substrate	Fibre cement board - density (1800 ± 200) kg/m³
Mounting	Loose-laid
Specimens have not been cleaned	

Radiant heat flux

	Flame spread distance (cm)				Flame time	Heat flux kW/m²	
	10 min	20 min	30 min	Extin-guish-ment		30 min*	Extin guishment**
Width							
#1	22	32	33	33	26 min 00 s	6.9	6.9
Length							
#1	27	45	48	48	33 min 18 s	4.2	4.2
#2	26	41	46	46	34 min 23 s	4.5	4.5
#3	28	37	38	38	24 min 24 s	5.8	5.8
Average						4.8	4.8

* Heat flux at the time of 30 minutes
** Heat flux at the time of flame extinguishment

Smoke production: Light attenuation

	Maximum (%)		Total (%.min)	
	30 min	Extin-guish-ment	30 min	Extin-guish-ment
Width				
#1	9	9	60	59
Length				
#1	26	26	155	156
#2	17	17	145	146
#3	17	17	112	112
Average			137	138