



TEST REPORT

Sample	Interface US	Test Report No:	R26-098
Manufacturing:	1503 Orchard Hill Road	Sample Received Date:	9/01/2026
	LaGrange, GA 30240	Test Date:	17/06/2026
	United States	Report Date:	17/06/2026

Sample	Client Reference: "SR799"	Test Sponsor:
Description:	Loop Pile Carpet Tile	
	100% Solution Dyed Nylon 6	Interface Australia
	882g/m ² on a Glasbac Backing	

AS ISO 9239.1-2003: Reaction to Fire Tests for Floorings – Determination of the Burning Behaviour Using a Radiant Heat Source

Results Summary

CHF Value	Sample 1	Sample 2	Sample 3	Mean	
Length	8.4	-	-	-	kW/m ²
Width	4.2	4.2	4.5	4.3	kW/m ²

Smoke Value	Sample 1	Sample 2	Sample 3	Mean	
Length	122	-	-	-	%.min
Width	149	157	166	158	%.min

Melting YES

Blistering YES

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 sole criterion for assessing the potential fire hazard of the product in use.

Sample was conditioned in accordance with BS EN 13238 at a temperature of 23±2°C and relative humidity of 50±5% for a minimum of 72 hours prior to testing, which is inclusive of adhesive curing time.

Each Specimen was adhered to a substrate of 9mm Fibre Cement Board using Intertac+ Adhesive.

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Laboratory Coordinator

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Sample 1 Length

Test Results

Time to ignition	: 2 minutes 19 seconds (139 s)
Time to flameout	: 23 minutes 40 seconds (1420 s)
Extent of burning (mm)	: 250
Critical flux at extinguishment (kW/m ²)	: 8.44
HF-10 (kW/m ²)	: 10.44
HF-20 (kW/m ²)	: 8.44
HF-30 (kW/m ²)	: Not calculated (test duration < 30 minutes)
Flame spread at 10 minutes (mm)	: 160
Flame spread at 20 minutes (mm)	: 250
Flame spread at 30 minutes (mm)	: Not measured
Peak light attenuation (%)	: 24.9
Time to peak light attenuation	: 10 minutes 44 seconds (644 s)
Total integrated smoke (%.min)	: 121.61

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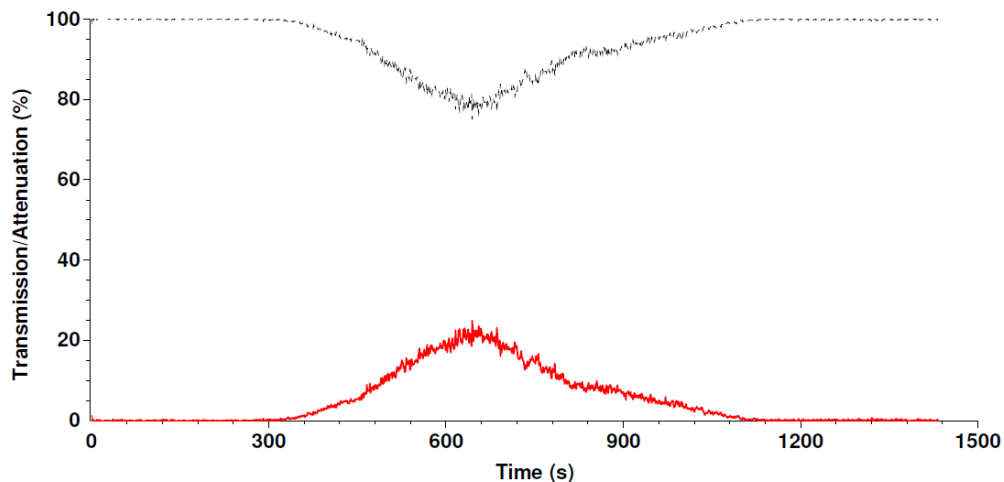
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Sample 1 Length

Light Attenuation Over Time and Rake Results

Report produced with the Fire Testing Technology FRPSoft software

Smoke Graph



Test name : LENGTH1

File name : C:\FRPSOFT\DATA\26060017.CSV

Rake Results

Position (mm)	Time (s)	Flux (kW/m ²)	Qsb (MJ/m ²)	Position (mm)	Time (s)	Flux (kW/m ²)	Qsb (MJ/m ²)
60	398	12.3	4.897	510	-	3.3	-
110	486	11.3	5.500	560	-	2.8	-
160	595	10.4	6.211	610	-	2.4	-
210	786	9.4	7.421	660	-	1.9	-
260	-	8.2	-	710	-	1.6	-
310	-	7.0	-	760	-	1.4	-
360	-	5.9	-	810	-	1.2	-
410	-	4.9	-	860	-	1.0	-
460	-	4.0	-	910	-	0.9	-

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Sample 1 Width

Test Results

Time to ignition	: 2 minutes 32 seconds (152 s)
Time to flameout	: 62 minutes 47 seconds (3767 s)
Extent of burning (mm)	: 450
Critical flux at extinguishment (kW/m ²)	: 4.18
HF-10 (kW/m ²)	: 10.79
HF-20 (kW/m ²)	: 7.47
HF-30 (kW/m ²)	: 6.33
Flame spread at 10 minutes (mm)	: 140
Flame spread at 20 minutes (mm)	: 290
Flame spread at 30 minutes (mm)	: 340
Peak light attenuation (%)	: 29.12
Time to peak light attenuation	: 11 minutes 33 seconds (693 s)
Total integrated smoke (%.min)	: 149.23

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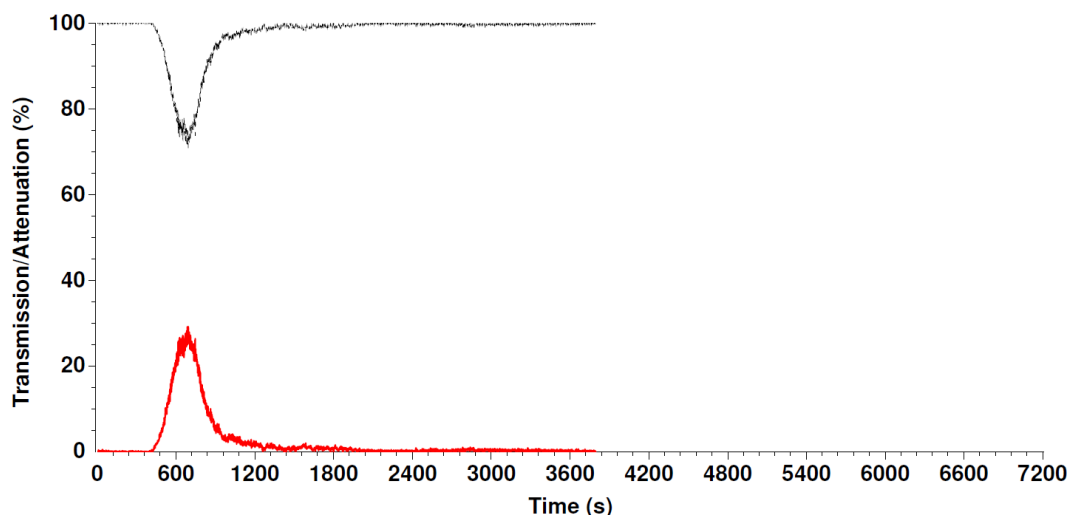
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Sample 1 Width

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Smoke Graph



Test name : WIDTH1
File name : C:\FRPSOFT\DATA\26060018.CSV

Rake Results

Position (mm)	Time (s)	Flux (kW/m²)	Qsb (MJ/m²)	Position (mm)	Time (s)	Flux (kW/m²)	Qsb (MJ/m²)
60	493	12.3	6.066	510	-	3.3	-
110	564	11.3	6.383	560	-	2.8	-
160	648	10.4	6.764	610	-	2.4	-
210	727	9.4	6.864	660	-	1.9	-
260	932	8.2	7.630	710	-	1.6	-
310	1447	7.0	10.119	760	-	1.4	-
360	2082	5.9	12.248	810	-	1.2	-
410	2738	4.9	13.288	860	-	1.0	-
460	-	4.0	-	910	-	0.9	-

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Sample 2 Width

Test Results

Time to ignition	: 2 minutes 33 seconds (153 s)
Time to flameout	: 75 minutes 22 seconds (4522 s)
Extent of burning (mm)	: 450
Critical flux at extinguishment (kW/m ²)	: 4.18
HF-10 (kW/m ²)	: 10.44
HF-20 (kW/m ²)	: 8.44
HF-30 (kW/m ²)	: 7.47
Flame spread at 10 minutes (mm)	: 160
Flame spread at 20 minutes (mm)	: 250
Flame spread at 30 minutes (mm)	: 290
Peak light attenuation (%)	: 24.85
Time to peak light attenuation	: 10 minutes 08 seconds (608 s)
Total integrated smoke (%.min)	: 157.25

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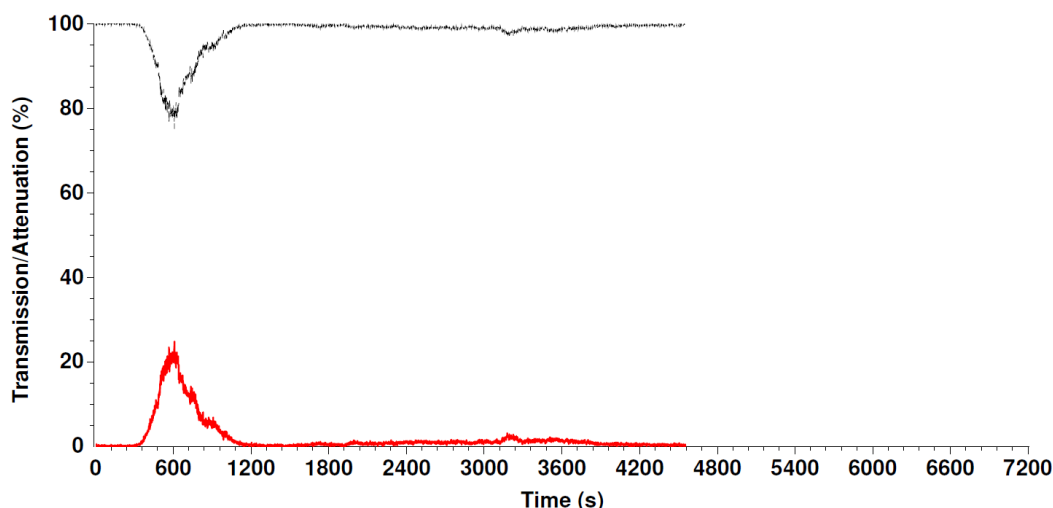
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Sample 2 Width

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Smoke Graph



Test name : WIDTH2

File name : C:\FRPSOFT\DATA\26060019.CSV

Rake Results

Position (mm)	Time (s)	Flux (kW/m ²)	Qsb (MJ/m ²)	Position (mm)	Time (s)	Flux (kW/m ²)	Qsb (MJ/m ²)
60	418	12.3	5.143	510	-	3.3	-
110	523	11.3	5.919	560	-	2.8	-
160	577	10.4	6.023	610	-	2.4	-
210	775	9.4	7.318	660	-	1.9	-
260	1307	8.2	10.700	710	-	1.6	-
310	1980	7.0	13.846	760	-	1.4	-
360	2570	5.9	15.119	810	-	1.2	-
410	3637	4.9	17.650	860	-	1.0	-
460	-	4.0	-	910	-	0.9	-

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Sample 3 Width

Test Results

Time to ignition	: 2 minutes 59 seconds (179 s)
Time to flameout	: 51 minutes 22 seconds (3082 s)
Extent of burning (mm)	: 430
Critical flux at extinguishment (kW/m ²)	: 4.52
HF-10 (kW/m ²)	: 10.44
HF-20 (kW/m ²)	: 6.99
HF-30 (kW/m ²)	: 5.88
Flame spread at 10 minutes (mm)	: 160
Flame spread at 20 minutes (mm)	: 310
Flame spread at 30 minutes (mm)	: 360
Peak light attenuation (%)	: 34.95
Time to peak light attenuation	: 10 minutes 31 seconds (631 s)
Total integrated smoke (%.min)	: 166.22

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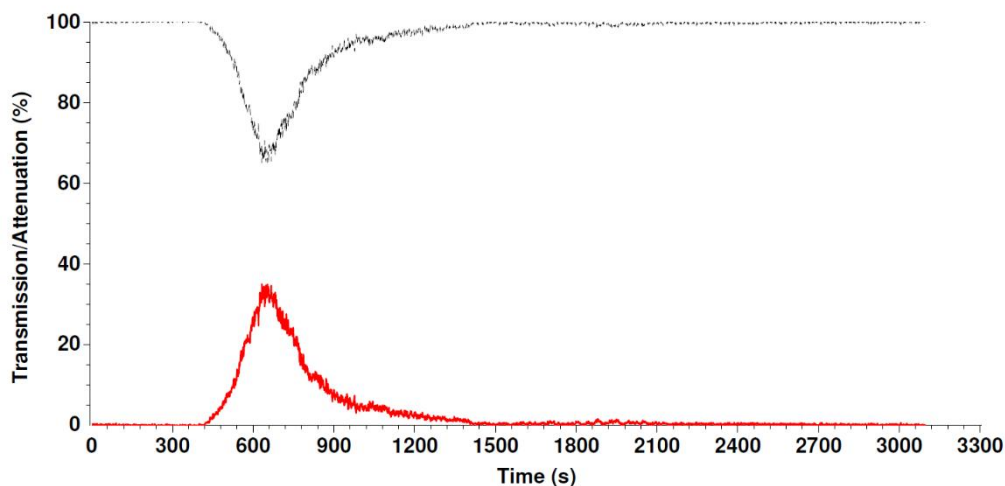
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Sample 3 Width

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Smoke Graph



Test name : WIDTH3

File name : C:\FRPSOFT\DATA\26060020.CSV

Rake Results

Position (mm)	Time (s)	Flux (kW/m ²)	Qsb (MJ/m ²)	Position (mm)	Time (s)	Flux (kW/m ²)	Qsb (MJ/m ²)
60	482	12.3	5.931	510	-	3.3	-
110	520	11.3	5.885	560	-	2.8	-
160	589	10.4	6.149	610	-	2.4	-
210	671	9.4	6.336	660	-	1.9	-
260	889	8.2	7.278	710	-	1.6	-
310	1146	7.0	8.014	760	-	1.4	-
360	1799	5.9	10.584	810	-	1.2	-
410	2319	4.9	11.254	860	-	1.0	-
460	-	4.0	-	910	-	0.9	-

END OF REPORT

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