

Certificate of Test

QUOTE No.: NE8264

REPORT No.: FNE12479

AS/NZS 1530.3:1999 SIMULTANEOUS DETERMINATION OF IGNITABILITY, FLAME PROPAGATION, HEAT RELEASE AND SMOKE RELEASE

TRADE NAME: Endureed Regions Series

SPONSOR: Global Innovations LLC
313 SW Windswept Glen
LAKE CITY FLORIDA 32025
USA

DESCRIPTION OF SAMPLE:

The sponsor described the tested specimen as poly vinyl chloride (PVC) reeds bounded onto a stainless-steel binder. The PVC reeds contained flame retardant additives.

Nominal thickness of binder: 19 mm
Nominal thickness of reeds: 0.76 mm
Nominal mass: 9222.23 g/m²
Colour: tan

TEST PROCEDURE: Nine (9) samples were tested in accordance with AS/NZS 1530, Method for fire tests on building components and structures, Part 3: Simultaneous determination of ignitability, flame propagation, heat release and smoke release, 1999. For each test, each sample was held between two layers of square mesh having 0.8-mm diameter wires and 12-mm by 12-mm nominal aperture size, and was clamped to the specimen holder in four places.

OBSERVATIONS: Flashing of the specimen were observed prior to ignition.

RESULTS: The following means and standard errors were obtained:

Parameter	Mean	Standard Error
Ignition Time (min)	10.0	0.2
Flame Spread Time (s)	N/A	N/A
Heat Release Integral (kJ/m ²)	30.9	8.4
Smoke Release (log ₁₀ D)	-0.321	0.133

For regulatory purposes these figures correspond to the following indices:

Ignitability Index	Spread of Flame Index	Heat Evolved Index	Smoke Developed Index
(0-20)	(0-10)	(0-10)	(0-10)
10	0	1	7

The results of this fire test may be used to directly assess fire hazard, but it should be recognised that a single test method will not provide a full assessment of fire hazard under all fire conditions.

DATE OF TEST: 21 October 2019

Issued on the 6th day of November 2019 without alterations or additions.



Shaw Tran
Testing Officer



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Group Leader, Fire Testing and Assessments

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Number: 165
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