

Our Ref: LAS

27 April 2023

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Camira Transport Fabrics Limited
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Contact: Luke Russell

DATE RECEIVED	:	20 APRIL 2023
DATE TESTED	:	27 APRIL 2023
QUALITY REFERENCE	:	LUCIA CS
COLOUR / DESIGN	:	VARADERO
STYLE NUMBER	:	511986
ORDER NUMBER	:	81A22155

REQUEST: FMVSS 302:1991 Flammability of interior materials in motor vehicles

RESULT: The sample submitted meets the requirements of FMVSS 302:1991



R. MASKILL
FLAMMABILITY TECHNOLOGIST



L. SMITH
QUALITY COORDINATOR

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FIRE TESTS ACCORDING TO FMVSS 302:1991 Flammability of interior materials in motor vehicles

Procedure

Five specimens were cut to the below dimensions and tested as a single material in accordance with the above standard using a butane flame measuring 38mm in height.

Specimen Length: 356mm
Specimen Width: 102mm
Specimen Thickness: <13mm

Requirements

- : The material shall not burn nor transmit a flame front across its surface at a rate of more than 102 mm per minute.
- : If a material stops burning before 60 seconds and has not burned more than 51mm from the start point, then it shall meet the burn rate requirements.

Results

The following test results relate only to the ignitability of the combination of materials under the particular conditions of test; they are not intended as a means of assessing the full potential fire hazard of the materials in use.

They also only relate to the materials tested. They do not guarantee to represent the performance of production materials.

The specimens were tested in the length direction.

<i>Parameters</i>	<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>	<i>5</i>	<i>Mean</i>
Burning Time [sec]	DNI	DNI	DNI	DNI	DNI	/
Burning Distance [sec]	/	/	/	/	/	/
Burn Rate [mm/min]	/	/	/	/	/	/

DNI: Did Not Ignite, SE: Self-Extinguished before start point.

Comments

The sample submitted meets the requirements of FMVSS 302:1991

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The decision rule applicable to statements of conformity relating to the test(s) carried out is simple acceptance based on the measured test results not falling within a range either side of a specified limit that is equal to the uncertainty of measurement for the parameter measured (based on 95% confidence levels). In all other regards, the decision rule is based on simple acceptance predicated upon the conditions of testing falling within the criteria for test set out in the test method with a conformance probability of 95%. The risk of false accept or false reject is therefore not greater than 2.5%.

Uncertainty of measurement:

Timings	$\pm 1.0s$
Dimensions	$\pm 0.5mm$

