

CERTIFICATE OF TESTING

For the Account Of: Bru Textiles
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Client's Identification: FR-One Genial

TEST PERFORMED Federal Motor Vehicle Safety Standard (FMVSS) 302 – October 1991, Flammability of Interior Materials CMVSS 302 – 2007, 49 CFR 571.302, Flammability of Polymeric Interior Materials – Horizontal Test Method SAE J369-2013, Standard Test Method for Horizontal Burning Rate of Polymeric Materials Used in Occupant Compartments of Motor Vehicles ASTM D5132-11

TEST RESULTS

	Specimen	Burning Time Beyond 38 mm (s)	Burn Distance Beyond 38 mm (mm)	Burn Rate (mm/min)	Code
Length	1	0.0	0.0	n/a	DNI
	2	0.0	0.0	n/a	DNI
	3	0.0	0.0	n/a	SE/O
	4	0.0	0.0	n/a	SE/O
	5	0.0	0.0	n/a	SE/O
Width	6	0.0	0.0	n/a	SE/O
	7	0.0	0.0	n/a	DNI
	8	0.0	0.0	n/a	SE/O
	9	0.0	0.0	n/a	DNI
	10	0.0	0.0	n/a	DNI

Specimen Tested:

- Standard
 Modified, 1 mm wire spaced at 25mm intervals across 51 mm width opening:
 Test item was less than 56 mm wide
 Specimen softens and bends at flaming end, which results in erratic burning

ABBREVIATIONS USED

- SE/(B)** Self-extinguishing with burn rate. Specimen ignites; Time of burning after passing 38 mm is greater than 60 seconds and 51 mm before extinguishing.
DNI Does not ignite. Specimen does not support combustion during or after ignition.
SE/O Self-Extinguishing. Specimen ignites but does not burn to the timing zone, which starts at 38 mm.
SE/NBR Self-Extinguishing/No burn rate. Specimen ignites; burning progresses to the 38 mm timing start line and extinguishes within 51 mm beyond the start line and 60 seconds.
B Specimen ignites. Burning progresses more than 51 mm beyond the 38 mm timing start line. Burn rate is calculated.
RB Material transmits a flame across either surface more than 51mm beyond the first scribed line at a rate too fast to measure accurately; therefore, no calculation is required.

NOTES

Test Conditions: 70 ±4°F, 65 ±5% Relative Humidity
 Thickness of Material: 0.029"
 Type of Specimen Tested: Textile
 Prior Treatment, if applicable: None

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ACCEPTANCE CRITERIA

1. Burn rate must not exceed 102 mm/min for any specimen

CONCLUSION

Based on the above Results and Acceptance Criteria, the item tested:

- Passes
 Fails

CERTIFICATION I certify that the above results were obtained after testing specimen in accordance with the procedures and equipment specified by the standard stated above.



Authorized Signature

ASTM Note: *In this procedure, the specimens are subjected to one or more specific laboratory test conditions. If different test conditions are substituted or the end-use conditions are changed, it is not always possible by or from this test to predict changes in the fire-test-response characteristics measured. Therefore, the results are valid only for the fire test exposure conditions described in this procedure.*

SAE Note: *This report is not intended to reflect hazards presented by this or any other material under actual fire conditions and shall not be used for fire risk assessment under actual fire conditions.*