

TEST REPORT

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Test Report No.	: ERL/2022-23/3000023615	Date: 12/07/2022
ULR Number	: ULR-TC508522300000135F	
Discipline	: Chemical	
Group	: Polymer	

1. SO No.	: 3000023615	
2. Customer's Name	: SOUND & ACOUSTIC DESIGNS	
3. Customer's Address	: GROUND FLOOR, SHOP NO 1-4, SHIKHAR APPARTMENT BEHIND SAHAKARI HAT., NEAR DAXINAMURTI SCHOOL, BHAVNAGAR GUJARAT-364002	
4. Letter reference No. and date	: E-mail dated:15-JUN-2022 and 12/07/2022	
5. Kind Attention	: Mr. Fenil Mehta	
6. Service requirements	: Testing for Flammability of Interior Materials as per FMVSS 302.	
7. No. of Samples	: 01.	
8. No. of pages	: 02.	
9. Test Report Prepared By	:	<i>H. L. Khandaskar</i> 13/07/22 H. L. KHANDASKAR CHEMIST
10. Test Report Verified By	:	<i>M. R. R. Naik</i> 13/07/2022 Ms. R. R. NAIK MANAGER
11. Test Report Approved By	:	<i>M. A. Bawase</i> 13/07/2022 M. A. BAWASE GENERAL MANAGER



Place of Issue: PUNE **Date of Issue: July 12, 2022**

DISCLAIMER:

This test report pertains only to the components / parts / assemblies / vehicles etc. actually tested at ARAI in the presented condition based on the documents / information produced / submitted by the customer. The issuance of this test report alone does not indicate any measure of approval, certification, supervision, control of quality surveillance by ARAI of the product. No extract, abridgement or abstraction from this test report shall be published or used to advertise the product without the written consent of the Director, ARAI, who reserves the absolute right to agree or reject all or any of the details of any items of publicity for which consent may be sought. ARAI is in no way responsible for any misuse of copying of any design / type / system in connection with entire vehicle / components / parts and assemblies. Breach of any statutory provision of Indian laws or laws of other countries, will be the sole responsibility of the customer and ARAI shall not be liable for any claims or damages, made by the party, whatsoever, the customer shall alone be liable for the same, and undertakes to indemnify ARAI in this regard. Further, the ARAI has the right to initiate cancellation / withdrawal of the certificate issued, in case of any fraud, misrepresentation, when it surfaces and comes in the knowledge of ARAI. **The appropriate local courts at Pune shall have the jurisdiction in respect of any dispute, claim or liability arising out of this report.**

ARAI will preserve the tested samples for a period of ONE month from the date of issue of the test report. Queries, if any, regarding the sample or the test report, will be entertained / attended to in this stipulated period of ONE month only. Further, all the related test standards, drawings supplied by customer, letters, e mails etc. exchanged with respect to this test work will be preserved in our custody for a span of only THREE years from the date of the test report.



TC-5085

An ISO 9001, ISO 14001, ISO 45001, ISO/IEC 27001 Certified and ISO/IEC 17025 Accredited Organization

TEST REPORT

Customer's Name	:	SOUND & ACOUSTIC DESIGNS
Service requirement	:	Testing for Flammability of Interior Materials as per FMVSS 302.
Sample Received date	:	08/07/2022
Condition of Sample	:	Prepared Sample received in good condition
Sampling	:	Sampling done by party
Date Sampled	:	Not provided

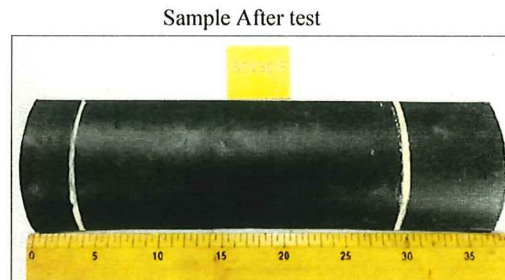
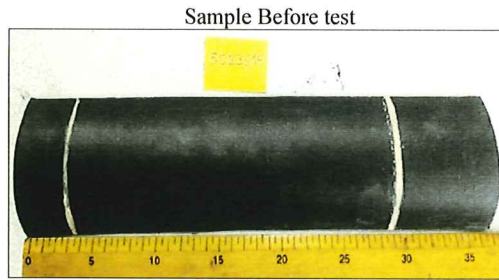
1.0 Sample Details as submitted by customer:	
Material Manufacturer's Name	: Sound Tight - Sound & Acoustic Designs
Material Grade	: FR Grade
Material Type	: NR / SBR – Sound Proofing Sheet
Component Part No. and Batch No.	: Sound Tight – Impact & Underlay Series
Identification Code	: STI 204 / STI 306 / STI 408 / STI 510 / STI 612 / STU 200/ STU 300 / STU 400 / STU 500 / STU 600
Other information	: Material of same formulation–2mm, 3mm, 4mm, 5mm, 6mm

2.0 OBSERVATION TABLE: The sample under test is isotropic.

	Temperature (°C) Max to Min	Relative humidity (%) Max to Min	Soak duration (hrs) Date of test
Soaked condition	21	50	24 hrs 12/07/2022
Test condition	27 to 25	82 to 80	---
Wire attached frame	No	Test specimen Dimension	Average: 354 X 102 X 4.5 mm

Sr. No	Test Description	Acceptance Criteria	Observation			
			Test Piece	Time, Seconds	Burnt Distance, mm	Burning Rate (mm/min)
1.	Flammability of Interior Materials as per FMVSS 302	a) The material shall not burn, nor transmit a flame front across its surface, at a rate of more than 102 mm per minute or b) The material stops burning before it has burned for 60 seconds from the start of timing, and has not burned more than 51 mm from the point where the timing was started, it shall be considered to meet the burn-rate requirement of a)	1	-	-	0
			2	-	-	0
			3	-	-	0
			4	-	-	0
			5	-	-	0
			(Refer Typical Photograph below)			
2	Conclusion	Sample under test meets the acceptance criteria (a) when tested as per; FMVSS 302				

TYPICAL PHOTOGRAPH



Test Report Prepared By

H. L. Khandaskar
 13/07/22

H. L. KHANDASKAR
 CHEMIST

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 ---End of Test Report---

Test Report Verified By

Ms. R. R. Naik
 13/07/22

Ms. R. R. NAIK
 MANAGER



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