

# AHMEDABAD TEXTILE INDUSTRY'S RESEARCH ASSOCIATION

P. O. Ambawadi Vistar, Ahmedabad-380 015. India.

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Cert. No. TC-5097



## TEXTILE TESTING LABORATORY ISO/IEC 17025 : 2017 NABL ACCREDITED

(Linked to Ministry of Textile)

अहमदाबाद वस्त्र उद्योग अनुसंधान संस्थान

पी. ओ. आंबावाडी विस्तार, अहमदाबाद-380 015. भारत.

### TEST REPORT

Format No.: TT 10/01/00

<b>ULR NUMBER TC 5097 19 2 00001977P</b>	
<b>Test Report No: A/T/0229 2019-20</b>	<b>Date: 23.05.2019</b>
Mill/Company/Customer:	<b>Darshan Safety Zone</b>
Address & Contact Details:	5, Dharmkunj B/h Pancham Mall Nikol Gam Road Ahmedabad-382350 Email : <a href="mailto:info@darshansafetyzone.in">info@darshansafetyzone.in</a> <a href="mailto:darshansafetyzone@gmail.com">darshansafetyzone@gmail.com</a>
Sample forwarding Letter No. & Date:	Nil dated Nil
Date of receipt of Sample:	20.05.2019
Lab Sample Code No. :	<b>CTTT- 0921</b>

Number of Samples : 01

Date of Performance of test(s): 20.05.2019 to 23.05.2019

**Sample Particular : Ceramic Vermiculite Coated Fabric**

#### Discipline / Group : Mechanical Testing / Textiles

Sr. No.	Test Parameters	Units	Test Method	Test Results
1	Fabric Weight (GSM)	g/m <sup>2</sup>	ASTM D 3776	1535.1
2	Fabric Thickness	mm	ISO 9863-1 (Under 2 KPa pressure)	3.83
3	Tensile Strength Warp Weft	N	IS 1969	1154.6 754.8
4	Fabric Width	cm	ASTM D 3774	100
5	Yarn Count From Fabric Warp Weft	Nec	IS 3442	0.38 0.51
6	Thread Density Ends/inch Picks/inch	Per Inch	ASTM D 3775	7 14
7	Thermal Heat Resistance * Machine Direction Cross Direction	%	Temp : 1050°C Time : 3 hours	0.00 0.00 <ul style="list-style-type: none"><li>No melting, no dripping, no charring observed</li><li>Fabric lost its strength and becomes stiff</li></ul>

\*Non-NABL accredited test parameter

*U. Trivedi*  
AUTHORISED SIGNATORY  
Textile Testing Laboratory  
ATIRA, Ahmedabad.

★★ ISO : 17025 Accredited Laboratories ★★

Samples are not drawn by ATIRA. Result relates to the samples tested. The report shall not be reproduced except in full, without written approval of the laboratory. The report is strictly confidential and for technical information of client only. Not for Advertisement, Promotion, Publicity or Litigation, Please write Test Report number and date for all future correspondence.	<b>Grey Scale Rating</b>	<b>Pilling Rating</b>
	5. Excellent	4. Good
	3. Fair	2. Poor
	1. Very Poor	
	5. No Pilling	4. Slight Pilling
	3. Moderate Pilling	2. Severe Piling
	1. Very Severe Pilling	

Sample conditioned and tested at temp. of 27±2° (instead of 20/21±2/1° C) and 65±2% RH wherever ISO / ASTM / AATCC test methods adopted

GOOD BUSINESS ARE MEMBERS OF ATIRA : ATIRA MEMBERSHIP IS GOOD BUSINESS

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#### Mechanical Testing / Textiles

Sr. No.	Test Parameters	Units	Test Method	Test Results
8	Vertical Flammability	--	IS 11871 (Method A)	<ul style="list-style-type: none"> <li>No Top or either edge flaming</li> <li>No flaming or molten debris</li> <li>No after flame and after glow</li> <li>No char length</li> </ul>

#### Discipline / Group : Chemical Testing / Textiles

Sr. No.	Test Parameters	Units	Test Method	Test Results
1	Moisture Content	%	IS 199-1989	0.56
2	Loss on Ignition (LOI)*	%	Temp : 550°C Time: 2 hours	87.85
3	pH of aqueous extract	--	IS 1390-1983 RA 2004	9.19

\*Non-NABL accredited test parameter

*CD Trivedi*  
AUTHORISED SIGNATORY  
Textile Testing Laboratory  
AITRA, Ahmedabad.

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