

AHMEDABAD TEXTILE INDUSTRY'S RESEARCH ASSOCIATION

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

Ph. : (079) 26307921-7922-7923-5131-32-33 (Extn. No. : 346) Fax : (079) 26304677

E-mail : ttl@atira.in Website : www.atira.in



Cert. No. TC-5097



TEXTILE TESTING LABORATORY ISO/IEC 17025 : 2017 NABL ACCREDITED

(Linked to Ministry of Textile)

અહમદાબાદ વસ્ત્ર ઉદ્યોગ અનુસંધાન સંસ્થાન

પી. ઓ. આંનાવાડી વિસ્તાર, અહમદાબાદ-380 015. ભારત.

TEST REPORT

Format No.: TT 10/01/00

ULR NUMBER TC 5097 20 2 000002114P	
Test Report No: A/T/0009 2020-21	Date: 16.04.2020
Mill/Company/Customér:	Frabon India Tech Solutions
Address & Contact Details:	107,Abhijeet 1, Mithakhali six roads circle, Mithakhali, Ahmedabad- 380 009 Email : cbo@frabon.com
Sample forwarding Letter No. & Date:	Nil dated Nil
Date of receipt of Sample:	15.04.2020
Lab Sample Code No. :	TT-0009

Number of Samples : 01
Date of Performance of test(s): 15.04.2020 to 16.04.2020
Sample Description: Coverall for PPE kit (Batch 042020, Code - YCPPE01)
Discipline / Group : Mechanical Testing / Textiles

Sr. No.	Test Parameters	Units	Test Method	Test Results									
1.	Dimension - Length Width Length of sleeves Width of sleeves Cuff opening elastic	cm	With calibrated scale	171.5 62.0 55.0 22.5 10.0									
2.	Dimension - Length of zipper Length (Centre) Legs cuff opening (Elastic)	cm	With calibrated scale	48.0 79.3 10.0									
3.	Dimension - Length of cap (Hood) Width of cap (Hood)	cm	With calibrated scale	30.2 24.0									
4.	Water repellency by spray test	Rating	ISO 4920-1981	90 (ISO 4)									
5.	Water resistance by hydrostatic pressure 60 mbar	mbar	ISO 811 - 1981	12.53									
6.	Water Absorbency	Sec	AATCC-79	>60									
7.	Fabric weight	g/m ²	ASTM D 3776 Option C	96.4									
8.	Air Permeability	l/m ² /sec	ISO 9237 Pressure : 200 Pa Test Area : 20 cm ²	2356.67									
*9.	Pore Size	Micron	ASTM D 6767 (Porosity by Porometer)	<table border="1"> <thead> <tr> <th>Test Parameter</th> <th>Specimen 1</th> <th>Specimen 2</th> </tr> </thead> <tbody> <tr> <td>Maximum Pore Size</td> <td>153.29</td> <td>156.66</td> </tr> <tr> <td>Mean Pore size</td> <td>107.29</td> <td>104.73</td> </tr> </tbody> </table>	Test Parameter	Specimen 1	Specimen 2	Maximum Pore Size	153.29	156.66	Mean Pore size	107.29	104.73
Test Parameter	Specimen 1	Specimen 2											
Maximum Pore Size	153.29	156.66											
Mean Pore size	107.29	104.73											

*Non-NABL accredited parameter

★★ ISO : 17025 Accredited Laboratories ★★

AUTHORISED SIGNATORY

Testing Laboratory

Ahmedabad COTI Med.

Samples are not drawn by AITRA. Result relates to the samples tested. The report shall not be reproduced except in full, without written approval of the laboratory. Page 1 of 2

Grey Scale Rating
5. Excellent 4. Good

Pilling Rating
5. No Pilling

4. Slight Pilling

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अहमदाबाद वस्त्र उद्योग अनुसंधान संस्थान

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

TEST REPORT

Format No.: TT 10/01/00

ULR NUMBER TC 5097 20 2 000002114P	
Test Report No: A/T/0006 2020-21	Date: 16.04.2020
Mill/Company/Customer:	Frabon India Tech Solutions
Address & Contact Details:	107, Abhijeet 1, Mithakhali six roads circle, Mithakhali, Ahmedabad- 380 009 Email : cbo@frabon.com
Sample forwarding Letter No. & Date:	Nil dated Nil
Date of receipt of Sample:	15.04.2020
Lab Sample Code No. :	TT-0009

Number of Samples : 01
Date of Performance of test(s): 15.04.2020 to 16.04.2020
Sample Description: Coverall for PPE kit (Batch 042020, Code - YCPPE01)
Discipline / Group : Mechanical Testing / Textiles

Sample	Test Parameters	Units	Test Method	Test Results
1.	Flame Retardency (Flammability)	Sec	IS 11871 (Procedure A)	No Top or either edge flaming Molten debris : D1 - No, Yes, Yes D2 - No, No, No After Flame : D1 - 7,34,15 sec D2 - 10,0,9 sec After Glow : D1 - 0,0,0 sec D2 - 0,0,0 sec Avg. Char length : D1 - 18,20,2,20.0 sec D2 - 18,7,9.2,17.2 sec

Discipline / Group : Chemical Testing / Textiles

Sr. No.	Test Parameters	Unit	Test Method	Test Results
1.	Identification of Fibre (Sample 1 - Non coated)	%	IS 667	100% Polypropylene

C. D. V. Med.
AUTHORISED SIGNATORY
Textile Testing Laboratory
AITRA, Ahmedabad.

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Grey Scale Rating
5. Excellent 4. Good
3. Fair 2. Poor
1. Very Poor

Pilling Rating
5. No Pilling 4. Slight Pilling
3. Moderate Pilling 2. Severe Pilling
1. Very Severe Pilling