



## TEST REPORT

Form / Format No : 32

Page 1 of 2

<b>Issued To :</b> <b>SUDARSHAN CHEMICALS</b> E-39, NARDANA INDUSTRIAL AREA, TALUKA-SHINDKHEDA, DIST-DHULE-425404, DHULE, Maha rashtra, 425404	<b>Test Report No</b>	<b>102/10-2425/2605</b>
	<b>Test Report Date</b>	<b>08 Nov 2024</b>
	<b>Date of Sample Received</b>	<b>18 Oct 2024</b>
	<b>Date of Sample Registration</b>	<b>21 Oct 2024</b>
	<b>Date of Start of Test</b>	<b>24 Oct 2024</b>
	<b>Date of Completion of Test</b>	<b>08 Nov 2024</b>
	<b>Customer Ref.No and Date</b>	<b>Covering Letter &amp; 15 Oct 2024</b>
	<b>Sampling Plan</b>	<b>Sampling done by the party</b>
<b>Sample Description :</b> One set (2 Nos.) of U+2 tunnel bag, Flexible Intermediate Bulk Containers (FIBC) said to be 140 GSM fabric for Single trip (5:1) with safe working load (SWL) of 900 kgs and having Internal dimensions of 75 cm x 85 cm x 95 cm (LxWxH) With 100 % recycled material with filling Top Open & Bottom Flat with 4 - Corner loop.  Construction : 4-Corner loop construction and said to be made of plastic fabric 140 GSM.		

## Test Results

Sr No.	Test	Unit	Results Obtained	Tested as per
1			<b>75x85x95 CM</b>	
	Cyclic Top Lift Test (TUNNEL) The FIBC sample is filled with plastic granules upto the approx. height of 95% and then load is applied with piston and pressure plate. The load is set to 2000.0 kg. i.e. SWL x 2 and 30 cycles of load is applied and then final test cycle with a rate of load application 70 ± 20 kN/min is applied upto the failure of the sample.	Kg	No visible damages were observed to the FIBC up to the load of 2000 kg during 30 cycles. However, the bag was torn from the loop at the peak load of 5122.0 kg which is more than the safety factor load 5000 kg (SF 5:1).	ISO 21898:2024

Anil Moule

TESTED BY

P.G. MESHAM

ASST./DY./JT. DIRECTOR

Dr. Baburao Guduri

HEAD  
LABORATORIES DIVISION

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Testing laboratories of Mumbai are certified by ISO 9001: 2015, NABL, BIS, Directorate General of Shipping and Directorate General of Civil Aviation, Govt. of India for specified tests

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Page 2 of 2

**Note : Passes the test.**

### General Remarks

1. This test report cannot be reproduced except in full, without written approval of the laboratory. This is not applicable when part report is given due to failure of the machine or test in progress.
2. Sampling done by the party. The test samples are submitted by the client. The sample descriptions provided in the test report are based on declaration by the party.
3. This report pertains to the submitted samples only.

-----End of Test Report-----



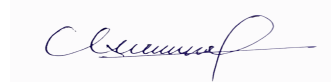
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