



LABORATORY TEST REPORT

Form / Format No.: 32
Page 1 of 2

Test Report No. : IIP/1598/15/LAB/IBC/ Date: 23rd June, 2015.

1. Title of test : Cyclic Top Lift Test + Final Load to Failure

2. Sample received from : M/S. PLATINIUM TIE-UP PVT. LTD.
a) Name & Address : BLOCK NO. 214, VILLAGE: SOKLI,
TALUKA: VIRAMGAM 382 150
AHMEDABAD, INDIA.

b) Contact Person : Mr. Vikash

3. Ref. No. & Date : Letter dated 21/06/2015

4. Sample Details : One set (3 Nos.) of bag type U+2 panels, flexible intermediate bulk containers (FIBC) said to be 120 g/m² plastic fabric for single trip (5:1) with safe working load (SWL) of 1000 kgs. and having outer dimensions of 90 cm x 90 cm x 90 cm (L x W x H) with discharge spout.

Construction : Four corner loops construction and said to be made of plastic fabric having 120 g/m².

(Sampling done by the party)

TESTED BY

[Signature]

ASST. DY. JT. DIRECTOR

[Signature]

DR. S. K. Chattopadhyay
Prof. & Additional Director

HEAD
LABORATORIES DIVISION

This report is for Private use only. Not to be used for Publicity or Litigation

Testing laboratories of Mumbai are accredited to NABL, BIS, Directorate General of Shipping and Directorate General of Civil Aviation. Govt. of India for specified tests.

Head Office: Plot E-2, Road No. 8, MIDC Area, Andheri (East), Mumbai 400093.

Tel: +91-22-2821 9803 / 6751 / 9469, 28391506, 28329623, 28254631, Fax: +91-22- 28328178 / 28375302 Email: labiip@iip-in.com, Website: www.iip-in.com


LABORATORY TEST REPORT

 Form / Format No.: 32
 Page 2 of 2

Test Report No. : IIP/1598/15/LAB/IBC/

 Date: 23rd June, 2015.

Test to be conducted : Cyclic Top Lift Test & Final Load to Failure

CYCLIC TOP LIFT TEST AND LOAD TO FAILURE

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 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.

Safe Working Load (SWL)	Set value (During Cyclic) (SWL x 2)	Safety Factor 5:1	Load upto failure (Peak Value)
1000 kg.	2000 kg.	5000 kg	5913 kg

RESULTS : No visible damage on observed in the test sample upto the load of 5913 kg.

Test Condition : At ambient temperature.

Test Conducted

As Per : IS: 14738-2005 (Part-3 & Part-4).

S. K. Chattopadhyay
DR. S. K. Chattopadhyay
 Prof. & Additional Director

HEAD
 LABORATORIES DIVISION

[Signature]
 ASST. BY JT. DIRECTOR

TESTED BY *[Signature]*

This report is for Private use only. Not to be used for Publicity or Litigation

Testing laboratories of Mumbai are accredited to NABL, BIS, Directorate General of Shipping and Directorate General of Civil Aviation. Govt. of India for specified tests.

Head Office: Plot E-2, Road No. 8, MIDC Area, Andheri (East), Mumbai 400093.

Tel: +91-22-2821 9803 / 6751 / 9469, 28391506, 28329623, 28254631, Fax: +91-22- 28328178 / 28375302 Email: labiip@iip-in.com, Website: www.iip-in.com