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CERTIFICATE OF TEST

N.A.T.A. ACCREDITED LABORATORY 1720

PACKAGE PERFORMANCE TESTS

DATE: 14/09/2016

REPORT NO: 7299A
THIS REPORT REPLACES REPORT
NO 7299 ISSUED 08/09/2016

PRODUCT TESTED: 1300kg SWL continuously woven PP, single trip, FIBC incorporating four cross-corner lifting loops for the transport of non-dangerous goods. Open top, flat base.
Tare Mass: 1.63kg. Dimensions 900(L) x 900(W) x 1000mm (H)

SAMPLE SELECTION: Samples selected and identified by client or their agent

SPECIFICATIONS: Refer to pages 3 to 5 of this report

CLIENT: Yong Shun Co. Pty. Ltd., Unit 2&3/46 Garema Circuit, Kingsgrove, NSW., 2208, Australia

TEST(S) PERFORMED	SAMPLE NO	RESULT
<u>TEST FOR TOP LIFT PERFORMANCE</u> One (1) sample filled with polycarbonate granules and prepared as it would be used in transport was subjected to a single cycle load of 6500kg. Test Load = 5 x SWL = 5 x 1300 = 6500kg Test Method: The Australian Standard 3668 – 1989 Appendix C	16-7299-01	PASS
<u>TEST FOR CYCLIC TOP LIFT PERFORMANCE</u> One (1) sample filled with polycarbonate granules and prepared as it would be used in transport was subjected to 30 test cycles at 2600kg followed immediately by a final test cycle of 6500kg. Test Load, Part A = 2 x SWL = 2 x 1300 = 2600kg, 30 cycles Test Load, Part B = 5 x SWL = 5 x 1300 = 6500kg, 1 cycle Test Method: The Australian Standard 3668 – 1989 Appendix D	16-7299-02	PASS

WORLD RECOGNISED
ACCREDITATION

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CERTIFICATE OF TEST CONT...

N.A.T.A. ACCREDITED LABORATORY 1720

PACKAGE PERFORMANCE TESTS

DATE: 14/09/2016

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TEST(S) PERFORMED	SAMPLE NO	RESULT
<u>TEST FOR STACK PERFORMANCE</u> One (1) sample filled with polycarbonate granules and prepared as it would be used in transport was subjected to a flat plate hydraulic test load of 5200kg for 24 hours. Test Load = 4 x SWL = 4 x 1300 = 5200kg <i>Test Method: The Australian Standard 3668 – 1989 Appendix E</i>	16-7299-03	PASS
<u>TEST FOR RESISTANCE TO IMPACT BY DROPPING</u> One (1) sample filled with polycarbonate granules and steel weight to a gross mass of 1300kg and prepared as it would be used in transport was dropped from a height of 500mm. <i>Test Method: The Australian Standard 3668 – 1989 Appendix F</i>	16-7299-03	PASS
The results of the performance tests reported on this certificate only relate to the packagings tested Use of other packaging methods or components may render testing invalid		

CHECKED:

AUTHORISED SIGNATORY:

Name of Signatory

JOHN DONKERS

SPECIFICATION FOR PACKAGING

DATE: 14/09/2016

REPORT NO: 7299A
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PACKAGING DETAILS

Type: Woven plastic flexible IBC without coating or liner

Description: 1300kg SWL continuously woven PP, single trip, FIBC incorporating four cross-corner lifting loops for the transport of non-dangerous goods. Open top, flat base.
Tare Mass: 1.63kg. Dimensions 900(L) x 900(W) x 1000mm (H)

Manufacturer: Yong Shun Co. Pty. Ltd., Unit 3/46 Garema Circuit, Kingsgrove, NSW., 2208, Australia

Manufacturer's Product Code: YSBB9090100

SPECIFICATIONS

Net Mass Tested: 1300kg **Nominal Dimensions:** 900(L) x 900(W) x 1000mm (H)

Tare Mass: 1.63kg **Design Type:** Single trip

Materials of Construction (MaC):

General MaC: Extrusion woven polypropylene (PP) tapes

Body, Top and Base MaC: Woven PP cloth, white 14 x 14 tapes per sq. inch., uncoated

Stitching MaC: Polyester thread, 840 denier, white chain stitching
Polyester thread, 5500 denier, blue chain stitching

Lifting Loops MaC: PP belt, white, 75mm (W)

Method of Construction (MeC):

General MeC: Double walled continuous woven extruded PP tapes with four cross corner lifting loops. 2 x tram tracks running the length of the FIBC local to where each lifting loop connects to the body material. 5 x tram tracks run along the width of the base panel non-symmetrically to the centre and spaced 100±15mm apart.

Body To Base MeC: Edges are folded inward over themselves, brought together, and secured using two rows of chain stitching (5500 denier) to form a 20±3mm hem.

Lifting Loops MeC: 4 x 75mm (W) lifting loops of woven PP are single lock stitched (840 denier) 260mm along the length of the FIBC in an "M-over-W" stitching pattern. The loops protrude 290mm above the FIBC stack height.

SPECIFICATION FOR PACKAGING CONT...

DATE: 14/09/2016

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Closing Method: Full open top, Flat base

PROPOSED USE Solids – non-dangerous goods of less than 1300kg

SPECIAL REQUIREMENTS Nil.

TESTING

Testing Organisation: Falcon Test Engineers

Test Report(s) Attached: 7299A

Issued To: Yong Shun Co. Pty. Ltd., Unit 2&3/46 Garema Circuit, Kingsgrove, NSW.,
2208, Australia

DETAILS

Name: Falcon Test Engineers

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Signature:

Date: 08/09/2016

SPECIFICATION FOR PACKAGING CONT...

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PHOTOGRAPHS

