



PSB Singapore

CERTIFICATE OF PACKAGING PERFORMANCE

UN Marking Certification Scheme

Certification Serial No.: UN 107823 0002 Rev. 00

Initial No.: -

Test Report Ref: 7191272114-EEC21-NKH

Issue To:

UN Packing Type Code: 31HA1 Packing Group II (Y)

Description Of Sample: IBC with Rigid Plastic Inner Receptacle and outer casing of steel tubes for liquid substance
Type Designation: DT-1000 of Nominal capacity 1000Ltr with steel-frame pallet
Size of IBC: Drawing no. CP-DT-1000 rev.01 dated Nov. 09. 2021 on page 05 of test report 7191272114-EEC21-NKH
Material of IBC: Inner container -PE-HD ; Outer casing – Steel
Tube : Pallet : Steel - frame
Nominal capacity: 1000 litres
Brimful capacity: 1060 Litres
Weight of IBC: 62 kg
Measured thickness: Top(2.0-3.5)mm, Body(1.8-2.5)mm, Bottom(3.0-3.5)mm

Packaging of the design type described above may bear the following marking:



31HA1/Y/**
SGP/CP 008/3580/1962/
62kg/1060L/100kPa



** To be replaced by the last two
digits of the year of manufacture

Date of
Original
Issue: 2021-12-07

Date of
Expiry: 2024-12-06

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Date of Last
Revision: 2021-12-07

(KHEE HENG HOW)
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It is certified that the samples of the design type described above has been tested in accordance with the provisions of the United Nations Recommendations on the Transport of Dangerous Goods (21st Revised Edition: 2019) Chapter 6, International Marine Dangerous Goods (IMDG) – (2014 Edition), International Civil Aviation Organisation (ICAO) – (2009-2016 Edition), International Air Transport Authority (IATA) – (50th Edition), Road Transport (ADR) – (2015 Edition), Railway Transport (RID) – (2015 Edition) and successfully met the criteria described in paragraphs 6.5.6.4 and 6.5.6.6 to 6.5.6.9 and 6.5.6.13 as shown below:

Test		Intensity
Bottom Lift Test to Clause	6.5.6.4	2460kg
Stacking Test to Clause	6.5.6.6	24 hours at 3580kg
Leakproofness Test to Clause	6.5.6.7	20kPa for 10 minutes
Hydraulic Pressure Test to Clause	6.5.6.8	100kPa for 10 minutes
Drop Test to Clause	6.5.6.9	1.9m
Vibration Test to Clause	6.5.6.13	1 hour at 25mm

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