

**TYPE APPROVAL OF PACKAGING FOR  
TRANSPORTATION OF DANGEROUS GOODS  
CERTIFICATE NO.: NET8511B**

HOLDER OF CERTIFICATE:  
**DESAPAC AB**

**1140 kg max**


**RESPONSIBLE DISTRIBUTOR:** DESAPAC AB, Degrabo, Talldungen, 44791 Vårgårda, SWEDEN



**MARKING ON PACKAGING:**

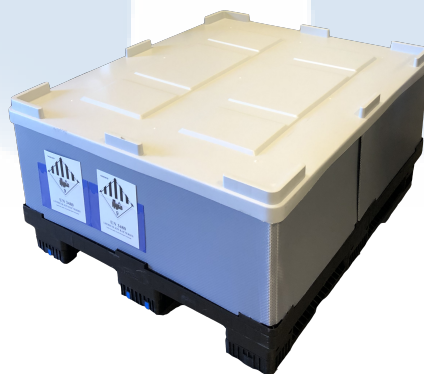
Each packaging intended for use according to the ADR shall bear markings which are durable, legible and placed in a location as to be readily visible. Letters, numerals and symbols shall be at least 12 mm high.

 **50H/Y/MMYY/N/NET8511B-ID 2053/427**

-  : The United Nations symbol
- 50H : Plastics large packaging
- Y : Packaging group II and III
- MMYY : To be replaced with the month and year (last two digits) of manufacture
- N : Norway, the state authorizing the allocation of the mark
- NET8511B - ID : Identification of the LP followed by "ID" to be replaced by the name or symbol of the manufacturer
- 2053 : The stacking test load in kg
- 427 : The maximum permissible gross mass in kg

**PRODUCT:**

Description	Material
A large box where pallet, walls and lid are made of different plastic items, together, they form a complete transport unit	Polypropylene and Polyethylene



**DIMENSIONS:**

Volume, l	L *W * H, mm	Drawing
565	1204 * 1004 * 455	Stacking drawing.stp

**CLOSING MECHANISM:**

#: Lid with strap 2 or 2.1	Producer	Drawings	Material
1: Lid	Details in report	HDPPCB1210-lid	HDPE, details in report
2: Strap*2	Any	12 mm, 130 kg	PP
2.1: Strap*2	Any	16 mm, 450 kg	Polyester


**OTHER PARTS:**

Type	Description	Drawing	Material
Sleeve 2 layer	Details in report	TBD Sleeve 2 layers	PP, details in report
Pallet	Details in report	HDPPCB1210-pallet	HDPE, details in report
Tray	Details in report	2018-0029-1_rev13	PP, details in report

**LEGISLATION:**

The certificate is valid for a maximum of five years, provided no modifications have been made to the packaging design, materials, dimensions, closure system or manner of construction. To ensure validation of the certificate, check the NET website.

NET issues the certification on described product according to delegated authority from Norwegian Directorate for Civil Protection and Emergency Planning (DSB): Legal regulations for Transportation of Dangerous Goods on road and railway - 06/6950-7/BJRU.

NET issues the certification on described product according to delegated authority from Norwegian Maritime Directorate (Sjøfartsdirektoratet) - 200705977-4/5367.1.

**REGULATIONS BASED UPON FOR APPROVAL:**

UN Recommendations on the Transport of Dangerous Goods.

ADR, European Agreement concerning the International Carriage of Dangerous Goods by Road.

RID, International Regulations on Transport of Dangerous Goods by Rail.

IMDG, International Maritime Dangerous Goods Code, for sea transport.

**TESTS CARRIED OUT:**

Prototype tests performed and approved according to the above regulations:

6.6.5.3.1 Bottom lift test

6.6.5.3.3 Stacking test

6.6.5.3.4 Drop test

**APPROVAL IS VALID FOR:**

The packaging shall always be used according to the requirement of the applicable UN-code and its packaging instruction.

Content
Lithium ion batteries, UN3480, maximum 24 models packed in accordance with DESAPAC 's instructions

**DOCUMENTS BASED UPON FOR APPROVAL:**

Report id.	Date	Issued by	Scope
NET8511A	04.07.2019	NET	Type approval
NET8511B1	08.07.2021	NET	Additional test, tray
NET85TE06	29.06.2022	NET	Technical evaluation, 2.1

**VALIDITY:**

The continued validity of the type approval requires that the holder of the certificate and/ or the manufacturer inform NET certification that has approved its type of packaging of any changes to the characteristics of the type or anything that can influence on the transport safety on the specific design so that it can be verified that the type of packaging continues to comply with packaging tested as base for the original type approval.

The validity of the type approval assume regular verification by means of periodic audits by NET in accordance with NET Doc 2: "Production control agreement". The packaging shall be manufactured, reconditioned and tested under a quality assurance program which satisfies NET Certification, in order to ensure that each packaging meets the requirements in ADR and the guidelines in ISO 16106.

**TEST STANDARD:**

All tests are performed in accordance with NET accredited test method ATM001. The test method is accredited in accordance with ISO17025 approved by Norsk Akkreditering and based upon ISO16495.



BREVIK, NORWAY

**06.03.2024** CERTIFICATE IS VALID UNTIL:

**30.09.2026**



Mathias Werner  
Certification Officer



Rune Madsen Fink  
Control Officer

*Nordisk Emballasje Testing Certification*