

TYPE APPROVAL OF PACKAGING FOR TRANSPORTATION OF DANGEROUS GOODS CERTIFICATE NO.: NET9901B

HOLDER OF CERTIFICATE:

Mezonic AS
MANUFACTURER:

AVK Plast A/S, Øster Vedstedvej 26A , DK-6760 Ribe, Denmark

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. The packaging shall also be appropriately marked with the month of the manufacture. The period of use permitted for the carriage of dangerous substances shall be five years from the date of manufacture of the drum, except where a shorter period of use is prescribed because of the nature of the substance to be carried.

① **1H2/Y1.2/50/YR/N/NET9901B- ID**

①	: The United Nations symbol
1H2	: Plastics drums, removable head
Y1.2	: Packaging group II and III, and maximum relative density of the substance 1.2
50	: Hydraulic test pressure in kPa
YR	: To be replaced with the year (last two digits) of manufacture
N	: Norway, the state authorizing the allocation of the mark
NET9901B- ID	: Identification of the packaging followed by "ID" to be replaced by the name of the manufacturer

PRODUCT:

Description	Method of manufacture
	Injection moulded


DIMENSIONS:

Volume, l	Weight of drum, g	H*Ø top/bottom, mm	Min. thickness, mm	Drawing
190	9850	1047 * 564/516	3.37	MU4039.06-1-5 110415

MAXIMUM DEGREE OF FILLING IN LITER AT 15 °C, SHALL BE:

Initial boiling point in °C	< 60	>= 60 < 100	>= 100 < 200	>= 200 < 300	>= 300
Degree of filling in liter	171.2	175.1	178.9	182.7	186.5

CLOSING MECHANISM:

#: Closure type	Producer	Drawings	Material	Gasket	Torque
1: Lid with bung, 595 mm	AVK Plast AS	MU4030.06-2-5 170415	HDPE	Silicone svamp	100 NM
2: Bung, 240mm	AVK Plast AS	MU4039.06-3-5 250415	HDPE	O-ring, nitrill	-
3: Strainer	greip plast	MU4039.06-4-5	HDPE	-	-
4: Nut, 8pc	greip plast	MU4039.06-5-5	Nylon	Neoprene celle	-
5: Bolt, 8pc	greip plast	MU4059.06-5-5	Nylon	-	-


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 - 2023/4375 PRAX.

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

NET issues the certification on described product according to an agreement between Norwegian Civil Aviation Authority (Luftfartstilsynet) - 01.03.18 - 18/00114-8.

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.

ICAO, Technical Instructions for the Safe Transport of Dangerous Goods by Air.

IATA, Dangerous Goods Regulations, for the air transport.

TESTS CARRIED OUT:

Prototype tests performed and approved according to the above regulations:

6.1.5.2.6 Chemical compatibility

6.1.5.3 Drop test

6.1.5.4 Leakproofness test

6.1.5.5 Internal pressure test

6.1.5.6 Stacking test

6.1.5.7 Supplementary permeability test

APPROVAL IS VALID FOR:

The packaging is valid for packaging group II and III containing liquid substances covered by the liquids listed in the table below. The liquids marked with letter A - F are referring to standard liquids listed in ADR 6.1.6.1 and verified by chemical compatibility testing, ADR 6.1.5.2.6, to this specific liquid.

The dangerous substances allowed to transport in the packaging after chemical compatibility with these liquids, are listed in the "Assimilation list" table 4.1.1.21.6 in ADR.

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

Content	Max. relative density	Max. gauge presisure, kPa at 55 °C
Water	1.2	33
Mixture og hydrocarbons	1.0	33
Diesel fuel	1.0	33
Gasolie	1.0	33
Kerosene, parafin, lamp oil	1.0	33
UN3291 clinical western, unspecified	1.2	33
UN1935 Cyanide solution	1.2	33

DOCUMENTS BASED UPON FOR APPROVAL:

Report id.	Date	Issued by	Scope
NET9901B3	23.05.18	NET	Additional Type test, MoH
NET9901B2	27.04.17	NET	Type approval
NET9901B	25.10.16	NET	Type approval

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

02.10.2023 CERTIFICATE IS VALID UNTIL:

30.09.2028

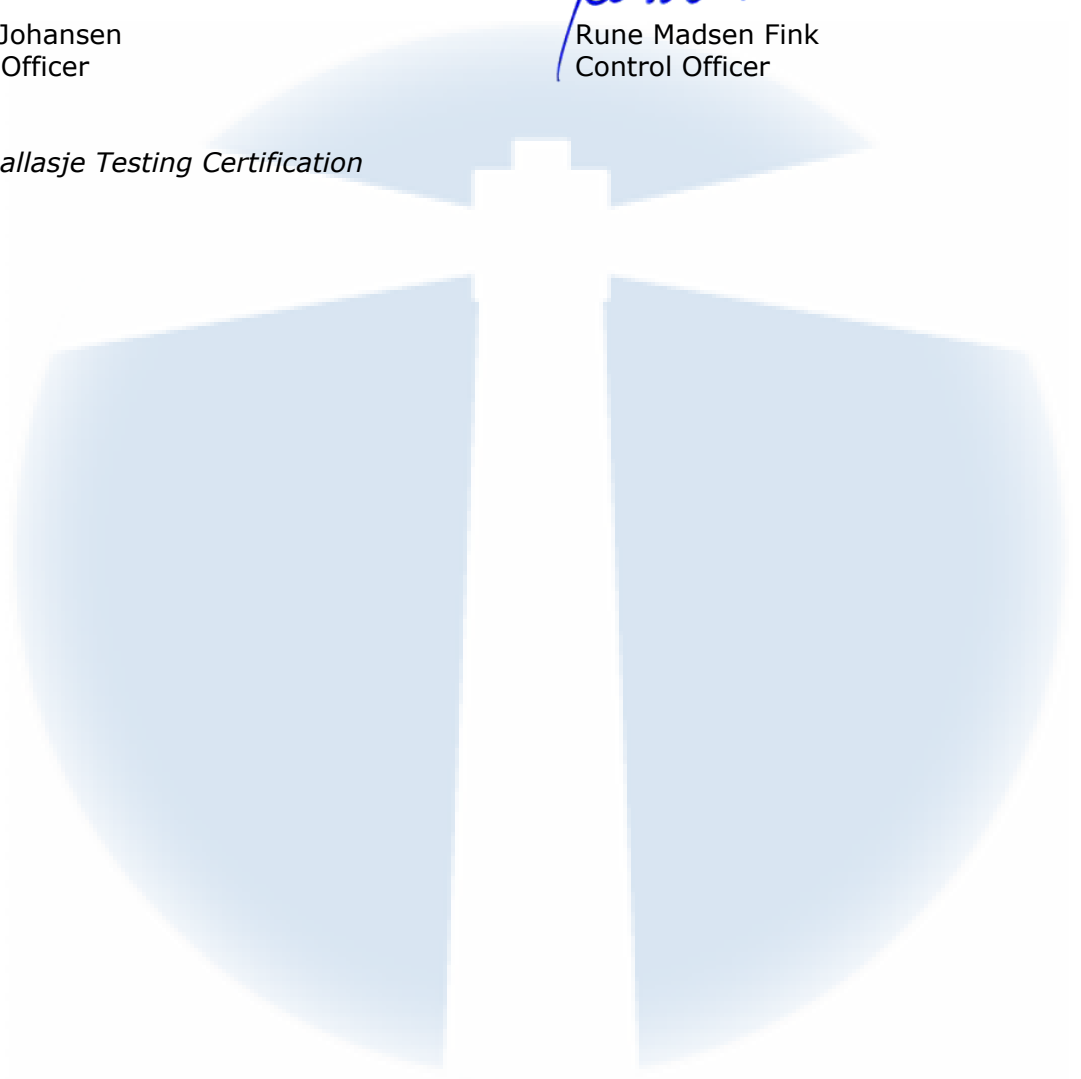
A handwritten signature in blue ink, reading 'Mathias Werner'.

Mathias Werner
Certification Officer

A handwritten signature in blue ink, reading 'Rune Madsen Fink'.

Rune Madsen Fink
Control Officer

Nordisk Emballasje Testing Certification

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