



# PRODUCT APPROVAL of PACKAGING FOR TRANSPORTATION of DANGEROUS GOODS

## CERTIFICATE NO.: NET0310B

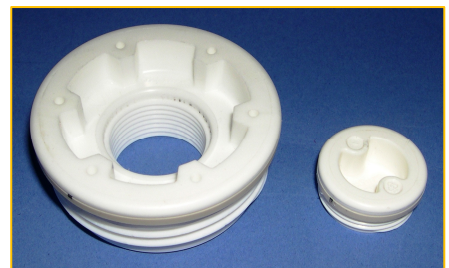
**Holder of certificate:** Hannells Industrier AB, Sweden

**Manufacturer:** Hannells Industrier AB  
Box 174  
SE-311 22 Falkenberg  
SWEDEN

Product:	Packaging code	Description	Product identification	Material
<b>Outer packaging:</b>	6HA1W	Composite packaging (deviating design) The top or bottom of the steel drum is provided with a hole, diameter: 3mm.	Steel drum, Drawing: F4P-2748	Steel sheet Thickness: Mantle: 0.8 mm Top and bottom: 1 mm
<b>Inner packaging:</b>	-	Plastic receptacle	Drawing: D3P-2061	HDPE, details in reports

Closing mechanism:	Closure type	Product identification	Material in bung	Gasket	Closing torque
	2" plastic bung with 3/4" bung	Drawing D4P-2695	PP, details in report	EPDM 70°	30 Nm
	2" plastic bung	Drawing D4P-2703	PP, details in report	EPDM 70°	30 Nm

**Photo:**



Dimensions:	Packaging weight, kg	Volume, litre	Height, mm	Diameter, mm
	18.2	207	880	585

**Marking on packaging:**  **6HA1W/X1.6/250/YR/N/NET0310B – ID**

"YR" to be replaced with the two last digits of the year.

"ID" to be replaced by any identification as decided by the manufacturer.

**Approval:**

NET issues the certification on described product according to delegated authority from Norwegian Directorate for Civil Protection and Emergency Planning (DSB):  
Legal regulations on Transportation of Dangerous Goods on road and railway  
§ 11-1, 7th segment.

NET issues the certification on described product according to delegated authority from Norwegian Maritime Directorate (Sjøfartsdirektoratet) RSR-13-2008 (02.09.2008).

**Regulations based upon for approval:**

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

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

UN Recommendations on the Transport of Dangerous Goods.

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.

**Approval is valid for:**

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

Approval for transportation according to sub-section 6.1.1.2 in ADR and RID.

Approval for transportation according to sub-section 6.1.1.2.1 in the IMDG code.

Approval for transportation according to sub-section 6.3.1.18 in the ICAO TI part.

The top or bottom of the steel drum is provided with a hole, diameter: 3mm.

Packaging groups	Content	Max. relative density	Max. vapour pressure at +50°C
I, II and III	Liquid substances that do not adversely affect the packaging materials	1.6	200 kPa

**Documents based upon for approval:**

Report id.	Date	Issued by	Scope
P504489	15.11.2005	SP	Type approval
P601002	23.03.2006	SP	Technical evaluation
142-1550-2006	31.03.2006	Swedish Rescue Agency	Approval for transportation according to sub-section 6.1.1.2 in ADR/RID.
60303-06-15715	03.04.2006	The Swedish maritime administration	Approval for transportation according to sub-section 6.1.1.2.1 in the IMDG code
LS 2006-2277	04.07.2007	The Swedish civil aviation authority	Approval for transportation according to sub-section 6.3.1.18 in the ICAO TI part
NET03TE03-1	26.08.2009	NET	Technical evaluation

**Lerum, Sweden:**
**20.09.2009**
**Certificate is valid until:**
**31.03.2011**


Certification Officer



**Rune Madsen Fink**  
Control Officer

**Nordisk Emballasje Testing AS  
Certification**

This certificate replaces certificate NET0310B\_090520