

UN-DESIGN CERTIFICATION/ PERIODIC RETEST

File Number # 1-11
Original File# 26-07

This is to certify that the packaging: **055C-00UL1**

TYPE: **55 Gallon L-1 TH**

PACKING GROUP II

Product Description								
Product Description		Height	Diameter	Product Weight (kg)				
55 Gallon L-1 TH		min.(± 6mm)	max.(± 6mm)					
Wall Thickness (±0.7mm)		876	596	Total Product Weight		9.63		
average	min.			max.	Body	9.54	Lid	N/A
4.0	2.2			6.4	Plugs	0.09	Ring	N/A
Closure Part #		Gasket Part #	Gasket Composition		Torque (ft.lbs.)			
Plug 1	L10-WL(81630001)	81400008	EPDM		2" HDPE American Buttruss			
Plug 2	L16-WL(81630002)	81400014	EPDM		2" HDPE NPS Plug			

Process - Blow Molding								
Resin Specifications								
Resin		Supplier		Part #	HLMI		Density	
L99(80100001)		Exxon Mobil		HYA-021L	Value	Range	Value	Range
Color #	L84(80200011)	Color wt%	<1%		N/A	4.5 - 5.7	N/A	0.952 - 0.955

UN CODE: 1H1

UN MARKING:



1H1/Y1.9/100/YR/USA/MXXXX

Manufacturer MAUSER USA,LLC:

M4232 Addison M4235 Woodlands M4602 Rancho Cucamonga

M4895-M5445 East Brunswick **M5123 Charlotte**

Tested to the following: 49 CFR § 178.601(c)(2)

DROP TEST: (§178.603) From a height of **1.9 m (6.2 ft)** with six 6" samples at -18°C.

Test Liquid: 50% aqueous Propylene Glycol s.g. 1.05 ±0.02. Test Solid: sodium bicarbonate <0.05 mm+ HDPE < 3mm

*3 samples dropped on weakest diagonal orientation and 3 samples flat dropped along the parting seam

RESULTS: **PASS**

LEAK TEST: (178.604)(d) Packaging **group II** test pressure of **20 kPa** for 5 min on 3 samples

RESULTS: **PASS**

HYDROSTATIC TEST: (178.605) Using a pressure of > **100 kPa (14.50 psi)** for 30 minutes on 3 samples

RESULTS: **PASS**

STACK TEST: (178.606)(c)(2)(ii) Applied a preload of 50 lbs. Compression speed of 0.5 ±0.25 inches per minute.

RESULTS: **PASS** DOT min. **1563 Kg** Force Applied

Sample #	Applied Load Kg	Deflection In.
10	2824	1 in.
11	2771	1 in.
12	2822	1 in.

VIBRATION TEST: (178.608) Simulated transport vibration for 1 hour on 3 samples **4.9** **CPS**

RESULTS: **PASS**

CAPACITY: 226.49 Liters

OVERFLOW: 227 Liters

TIP OVER TEST (OH): N/A

Signature	Date	Signature	Date
<i>Darwin Wickes</i>	1/4/2017	<i>[Signature]</i>	1/4/2017
Title	Manager-Technical Services	Title	Director Technology & Regulatory Affairs

EXPIRATION DATE: 1/4/2018

Product Image

