

**UN-DESIGN CERTIFICATION/PERIODIC RETEST**

**File Number # 81-18**

**Original File # 11-01**

This is to certify that the packaging: **T550-00UDLL**

TYPE: **55 Gallon Delcon OH**

PACKING GROUP **II**

Product Description								
Product Description			Height	Diameter	Product Weight (kg)			
55 Gallon Delcon OH			<i>min. (± 6mm)</i>	<i>max. (± 6mm)</i>				
Wall Thickness (mm)			<b>854</b>	<b>590</b>	Total Product Weight		<b>9.99</b>	
<i>average</i>	<i>min.</i>	<i>max.</i>			Body	<b>7.77</b>	Lid	<b>1.09</b>
<b>3.7</b>	<b>2.2</b>	<b>N/A</b>			Plugs	<b>N/A</b>	Ring	<b>1.13</b>
Closure Part #		Gasket Part #	Gasket Composition		Torque (ft.lbs.)	Closure Description		
<i>Lid</i>	D21-N-F/81680011	N/A	Urethane			21.5" Nat Solid Lid		
<i>Ring</i>	L22-16-P-TL-D1/80910010		Not Applicable			Leverlock Closing Ring		
Process - Blow Molding								
Resin Specifications								
Resin		Supplier		Part #	HLMI		Density	
80100001		Chevron Phillips		TR-512	<i>Value</i>	<i>Range</i>	<i>Value</i>	
<b>Color #</b>	80200011	<b>Color wt%</b>	1.0%		N/A	4.5 - 6.5	N/A	0.952 - 0.956

UN CODE: **1H2**

UN MARKING:



**1H2/Y250/S/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 **1.2 m (3.9 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**

**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. **940 Kg**

Force Applied

Sample #	Applied Load Kg	Deflection
15A366	2195	0.9840 in.
15A368	2181	0.9840 in.
15A370	2177	0.9840 in.



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

**3.83 Hz**

RESULTS: **PASS**

**CAPACITY:** 212.36 Liters

**OVERFLOW:** 214.26 Liters

**TIP OVER TEST (OH):** **PASS**

Signature		Date	Signature		Date
<i>Darwin Wickes</i>		8/20/2018	<i>[Signature]</i>		8/20/2018
<b>Title</b>	Manager-Technical Services	<b>Title</b>	Director Technology & Regulatory Affairs		

**EXPIRATION DATE:** 8/20/2019

Test Facility: M4235 – Mauser USA, LLC, 410 S. Trade Center Parkway, Conroe, TX 77028

Corporate Office: M5445 – Mauser USA, LLC, 2 Tower Center Blvd. 20th Floor East Brunswick, NJ 08816