

UN-DESIGN CERTIFICATION/RECERTIFICATION

File Number # 6-24

Original File # 12-08

This is to certify that the packaging: **05504CDUD23S**

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 (±0.7mm)			889	587	Total Product Weight		10.10	
<i>average</i>	<i>min.</i>	<i>max.</i>			Body	8.10	Bung Lid	1.00
4.5	2.2	7.0			Plugs	N/A	Ring	1.00
Closure Part #			Gasket Part #	Gasket Composition	Torque (ft.lbs.)	Closure Description		
<i>Plug 1</i>			L16-WL(81630002)	81400014	EPDM	20	2" NPS HDPE Plug	
<i>Plug 2</i>			C34-AD(81630022)	C31EP-AD	EPDM	6	3/4" NPT Plug	
<i>Lid</i>			81680044	N/A	Polyurethane	N/A	21.5" Nat Bung Lid	
<i>Ring</i>			L22-18-P-TL-D1-L(80910012)	N/A	N/A	N/A	Delcon Leverlock Closing Ring	
Process - Blow Molding								
Resin Specifications								
Resin	Supplier		Part #	HLMI		Density		
High Density Polyethylene(HDPE)			80100001	<i>Value</i>	<i>Range</i>	<i>Value</i>	<i>Range</i>	
				N/A	4.0 - 6.0	N/A	0.953 - 0.956	

UN CODE: 1H2

UN MARKING:



1H2/Y130/S/YR/USA/MXXXX

Manufacturer MAUSER Packaging Solution:

M4232 Addison M4235 Woodlands M4602 Rancho Cucamonga

M4895-M5445 East Brunswick M5123 Charlotte

Product Image



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 inch per minute.

RESULTS: **PASS**

DOT min. **462kg**

Force Applied

Sample #	Applied load (kg)	Deflection (in)
7	499	0.50
8	499	0.50
9	499	0.50

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

N/A Hz

RESULTS: **N/A**

CAPACITY: 218 Liters

OVERFLOW: 219 Liters

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

Signature		Date
<i>Tafiana Smolceva</i>		1/10/2024
Title	Director, Technology & Regulatory	

EXPIRATION DATE: 1/9/2025