

**UN-DESIGN CERTIFICATION/PERIODIC RETEST**

File Number # **17-25**

Original File # **142-08**

This is to certify that the packaging: **0570-E0UDENRG**

TYPE: **57 Gallon Vanguard OH**

PACKING GROUP II

Product Description						
Product Description		Height	Diameter	Product Weight (kg)		
57 Gallon Vanguard OH		min.(± 6mm)	max.(± 6mm)			
<b>Wall Thickness (±0.7mm)</b>		<b>921</b>	<b>534</b>	Total Product Weight		
average	min.			max.	Body	8.60
<b>4.0</b>	<b>2.2</b>			<b>5.0</b>	Lid	<b>1.10</b>
<b>Closure Part #</b>		<b>Gasket Part #</b>	<b>Gasket Composition</b>	<b>Torque (ft.lbs.)</b>	<b>Closure Description</b>	
Solid Lid	V22-N-RF(81680034)	N/A	Urethane	N/A	21.5" Nat Solid Lid	
Ring	L22-16-P-TL-D1(80910015)		N/A	N/A	Metal Leverlock Closing Ring	
Process - Blow Molding						
Resin Specifications						
Resin		Part #	HLMI	Density		
High Density Polyethylene(HDPE)		80100001	Value N/A	Range 4.5 - 6.5	Value N/A	
				max. 0.952 - 0.956		

UN CODE: 1H2

UN MARKING:



1H2/Y250/S/YR/USA/MXXXX

Manufacturer MAUSER Packaging Solutions:

M4232 Addison                      M4235 Woodlands                      M4602 Rancho Cucamonga

M4895 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 50lbs. Compression speed of 0.5 ±0.25 inches per minute.

RESULTS: **PASS**

DOT min. **845 kg**

Applied load

Sample #	Applied Load (kg)	Deflection (in.)
7	3036	0.271
8	2791	0.270
9	2643	0.271

**VIBRATION TEST: (§178.608)** Simulated transport vibration for 1 hour on 3 samples at N/A Hz

RESULTS: **N/A** Capable of passing vibration test as outlined in §178.608

**CAPACITY:** 222 Liters

**OVERFLOW:** 224 Liters

**TIP OVER TEST (OH):** N/A

Signature		Date
<i>Tahmina Smoleeva</i>		1/31/2025
Title	Directory, Regulatory & Testing	

EXPIRATION DATE: 2/1/2026