

UN-DESIGN CERTIFICATION/PERIODIC RETEST

File Number # F2020111
Original File # +BR8223

This is to certify that the packaging: **18-30-300 LR Gd**

TYPE: **Loc-Rim Fiber OH**

PACKING GROUP I

Convolutely Winded Fiberboard								
Product Description			Height	Diameter	Product Weight (kg)		Description	
30 Gallon Fiber Drum OH			<i>min.(± 6mm)</i>	<i>max.(± 6mm)</i>	Body	3.446	<i>Diameter (mm)</i> <i>Closure</i>	
<i>Drum Section</i>	<i># of Plies</i>	<i>Thickness (mm)</i>	686	474	Lid	0.998	483 Steel Lid w/ no gasket	
<i>Body Walls</i>	6	2.22			Ring	0.363	505	Open Metal Lever Locking Ring
<i>Bottom</i>	1	3.61			TOTAL	4.806		
Supplier				Bag				
Paper Type		Required		Yes				
International	Ppr-2925	Dimension		33" x 60"				
Paper		Thickness		0.003"				
*Bottom Element: Single			Zip Tie		Yes			

UN MARKING:  **1G/X142/S/YR/USA/MXXXX**

Manufacturer MAUSER Packaging Solutions: **M6063 Chicago**
M6064 Charlotte
M6237 Merced
M5865 Easton

This UN Certificate only covers this product in the configuration in which it was tested as described above

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

Paper or fiberboard packagings must be conditioned for at least 24 hours immediately prior to testing in an atmosphere maintained – 50% rel. humidity ± 2% and 73°F ± 4°F

DROP TEST: (§178.603) From a height of **1.8 m (5.9 ft)** dropped each of six (6) samples
 Test Solid: sodium bicarbonate <0.05 mm+ HDPE < 3mm, regrind, Lead shots, steel shots, sand
 RESULTS: PASS

Dynamic Compression Test §178.606 (c)(2)(ii) Applied 50 lbs. preload.
 Compression speed at 0.5 in ±0.25 in per minute.

RESULTS: PASS DOT min. **717 Kg**

Sample	Deflection	Applied Force
7	0.17	811 Kg
8	0.17	826 Kg
9	0.17	821 Kg



VIBRATION TEST: (178.608) Simulated transport vibration for 1 hour on 3 samples
 RESULTS: N/A

CAPACITY: 114 Liters

TIP OVER TEST (OH): N/A

Signature		Date	Signature		Date
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EXPIRATION DATE: 10/29/2021