

**UN-DESIGN CERTIFICATION/PERIODIC RETEST**

File Number # **F202091**


Original File # **226-11**

This is to certify that the packaging: **21-55-550 LR Pt B3 Gd**

TYPE: **Loc-Rim Fiber OH**

PACKING GROUP II

| Process - Convolutely Winding Fiberboard |            |                |             |                   |                     |                  |                         |                               |
|--|------------|----------------|-------------|-------------------|---------------------|------------------|-------------------------|-------------------------------|
| Product Description                      |            |                | Height      | Diameter          | Product Weight (kg) |                  | Description             |                               |
| 55 Gallon Fiber Drum OH                  |            |                | min.(± 6mm) | max.(± 6mm)       | Body                | 6.078            | Diameter (mm) Closure   |                               |
| Drum Section                             | # of Plies | Thickness (mm) | 902         | 552               | Lid                 | 1.225            | 559 Steel Lid/no gasket |                               |
| Body Walls                               | <b>8</b>   | <b>2.96</b>    |             |                   | Ring                | 0.454            | 584                     | Open Metal Lever Locking Ring |
| Bottom                                   | <b>2</b>   | <b>5.59</b>    |             |                   | TOTAL               | 7.757            |                         |                               |
| <b>Supplier</b>                          |            |                |             | <b>Paper Type</b> |                     | <b>Required</b>  | Yes                     |                               |
| International Paper                      |            |                |             | Ppr-375           |                     | <b>Dimension</b> | 38" x 65"               |                               |
| <b>*Bottom Element: Dual</b>             |            |                |             | <b>Thickness</b>  |                     | 0.003"           |                         |                               |
| <b>Zip Tie</b>                           |            |                |             | <b>Bag</b>        |                     | 8 inch           |                         |                               |

UN MARKING:  1G/Y272/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 **1.2 m (3.9 ft)** dropped each of six (6) samples

Test Solid: sodium bicarbonate <0.05 mm+ HDPE < 3mm, regrind, Lead shots, steel shots, sand

RESULTS: PASS

**STACK TEST: (178.606) (c)(2)(ii)** 50 lbs. of preload applied. Compression speed 0.5 in. +/- 0.25 in per min.

RESULTS: PASS DOT min. **948 Kg**

| Sample | Deflection in. | Applied Force Kg |
|--------|----------------|------------------|
| 7      | 0.3750         | 1197             |
| 8      | 0.3750         | 1238             |
| 9      | 0.3750         | 1252             |



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

RESULTS: N/A

**CAPACITY:** 208 Liters

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

| Signature            | Date                        | Signature               | Date                          |
|----------------------|-----------------------------|-------------------------|-------------------------------|
| <i>Darren Wickes</i> | 7/20/2020                   | <i>Tatiana Smoleeva</i> | 7/20/2020                     |
| <b>Darren Wickes</b> | Manager- Technical Services | <b>Tatiana Smoleeva</b> | Manager, Regulatory & Testing |

**EXPIRATION DATE:** 7/20/2021