



**RotoSolutions Test Report  
and  
Qualification Notice  
5/29/2025**

Product: 65 Gallon Overpack

Manufacturer and Testing Facility: Rotosolutions Inc. 1401 Jacobson Avenue Ashland Ohio 44805

Drum Unit Tested:

|                |        |          |        |          |        |          |
|----------------|--------|----------|--------|----------|--------|----------|
| Leak Proofness | Drum 1 | O5182501 | Drum 2 | O5182502 | Drum 3 | O5182503 |
| Base Drop      | Drum 1 | O5182504 | Drum 2 | O5182505 | Drum 3 | O5182506 |
| Stack          | Drum 1 | O5182504 | Drum 2 | O5182505 | Drum 3 | O5182506 |
| Diag. Lid Drop | Drum 1 | O5182504 | Drum 2 | O5182505 | Drum 3 | O5182506 |

Objective: To determine the compliance with the applicable regulations for UN 1H2 container for Packing Group1 solid material and 49 CFR 173.3 Salvage drum applications.

Items Tested: One Sample of lot of removable top, open head plastic container. Volumetric capacity of the container is 65 gallons. Material of construction is Linear Low Density Polyethylene (LLDPE) resin, rotationally molded.

| TEST      | REGUALTION                           | DESCRIPTION  | PERFORMANCE |
|-----------|--------------------------------------|--|-------------|
| Drop      | UN 6.1.5.3<br>49 CFR 178.603         | 1.8 meter, 228KG -18 Celsius.<br>Unit filled with a mixture of sand<br>and vermiculite | Passed      |
| Stacking  | UN 6.1.5.6<br>49 CFR 178.606         | 3 meters, 690 kg load 24 hours,<br>with a mixture of sand and<br>vermiculite           | Passed      |
| Leakproof | UN 6.1.5.4<br>49 CFR 173.3<br>(c)(1) | 20 kPa<br>5 minutes  | Passed      |

Conclusion: Part design complies and passes all required testing as called out in the above mentioned regulations. This unit is therefore certified. Unit must be filed and used in accordance to all pertinent DOT and UN regulations. Failure to do so renders the qualification invalid and voids all warranties implied or stated.

Load measured with scale calibrated and maintained by Ashland Scale. Temperature recorded with Amprobe IR608A Infrared Thermomet

Levels Measured with a verified Johnson angle finder. Air pressure measured with a verified Noshok pressure gauge.

Packaging Markings:



1H2\X228\S\25\USA\M5904

Approved By:

*Ralph Kirkpatrick*

Ralph Kirkpatrick, V.P. of Sales, 05/29/2025