

Design Qualification Test Report # 2018-13

Done by Priority Plastics Inc.

Test Report # 2022-05

January 18, 2022

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## **SECTION I: Certification**

## Periodic Retest 5 Gallon Round HDPE Packaging (HDPE Resin)

Priority Plastics, Inc. certifies that the packaging referenced above has passed the standards of the DEPARTMENT OF TRANSPORTATION'S TITLE 49 CFR; Performance Oriented Packaging Standards, Section 178. It is the responsibility of the end user to determine authorization for use under these regulations. The use of other packaging methods or components other than those documented in this report may render this certification invalid.

SUMMARY OF PERFORMANCE TESTS

UN/DOT TEST	CFR REFERENCE	TEST LEVEL	TEST CONTENTS	TEST COMPLETED	TEST RESULTS	
Drop	178.603	1.8m	Windshield Washer/ Antifreeze Coolant 50/50 Diluted (WW/A)	January 18, 2022	PASS	
Leakproofness	178.604	20 kPa -5 Min. 3 PSI	Empty	January 17, 2022	PASS	
Hydrostatic	178.605	150 kPa – 30 Min.	Water	January 17, 2022	PASS	
Stacking/ Dynamic Compression	178.606	880.8 lbs	Water	January 17, 2022	PASS	
Vibration	178.608	1.6mm – 1 Hr	Water	January 17, 2022	PASS	
TEST REPOR	T NUMBERS: 20	<b>018-13,</b> 2019-03, 202	0-04,2021-04.2022-05			
UN MARKING: (CFR 49 – 178.503)			u 1H1/Y1.8/150/** USA /M5105			
PACKAGING IDENTIFICATION CODE:			1H1 (178.509)			
PERFORMANCE STANDARD:			Y (Packaging meets Packing Group II test)			
MAXIMUM PRODUCT SPECIFIC GRAVITY:			1.8			
INTERNAL TEST PRESSURE:			150 kPa			
YEAR OF MANUFACTURE:			**Insert year the packaging is manufactured			
STATE AUTHORIZING THE MARK:			USA	USA		
PACKAGING CERTIFICATION AGENCY:			M5105 Prior	M5105 Priority Plastics, Inc.		

Note: It is the responsibility of the packaging user to ensure that all items shipped within this package are allowed to be shipped via this package in accordance with USDOT 49 CFR and/or modal regulations applicable to the intended mode of transportation. The use of packaging methods other than those provided by Priority Plastics or the use of components other than those documented in this report may render this certification invalid.

M5105

January 17, 2023

**MANUFACTURER:** 

PACKAGE IDENTIFICATION:

PERIODIC RETEST DATE:

Priority Plastics, Inc. 500 Industrial Park Road Portland, IN 47371

Judy Wendel
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Portland, IN 47371