



TEST REPORT

In Account With SPECIALTY SILICONE PRODUCTS CORPORATE TECHNOLOGY PARK 3 McCrea Hill Road Ballston Spa, NY 12020 Attn: [REDACTED]	Date December 17, 2021	Page 1 of 2 Pages
	W.O. Number 72744	Test Report No. TR72744
	P.O. No. 0031136	Received 12-06-2021

IDENTIFICATION: One (1) sample material was submitted for Outgas Testing in accordance with ASTM E595. The test sample was identified as follows:

- 1) [REDACTED] (AB-08-006)

SPECIFICATION : ASTM E595.

REFERENCE : Purchase Order Number 0031136.

TESTING : Outgas Testing.

SUMMARY : The test results, reported herein, are submitted for customer evaluation.

Respectfully submitted,
PACIFIC TESTING LABORATORIES, INC.

Hans Shin
Laboratory Director

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OUTGAS TESTING

REFERENCE : ASTM E595.

REQUIREMENT : ASTM E595, paragraph 1.5:

The criteria used for the acceptance and rejection of materials shall be determined by the user and based upon specific component and system requirements. Historically, a total mass loss (TML) of 1.00% and collected volatile condensable material (CVCM) of 0.10% have been used as screening levels for rejection of spacecraft materials.

TEST METHOD : The Outgas Test was performed in a vacuum environment of less than 5×10^{-5} torr according to ASTM E595, for a duration of 24 hours, at 125°C. The TML, CVCM, and the amount of Water Vapor Recovered (WVR) were measured after the test.

RESULTS : The following tables list the results of the testing:

Table 1: Outgas test results.

Sample	TML (%)	CVCM (%)	WVR (%)
██████████ (AB-08-006)	0.17	0.04	0.10

Table 2: Testing observation results for ██████████ (for information/reference only).

Observations			
Visible Condensate	Yes	Opaque	No
Percent Covered	75%	Interference Fringes	Yes
Thin	Yes	Colored Fringes	Yes
Heavy	No	Sample appearance after test	No change
Transparent	Yes		

REMARKS : The test results, reported herein, are submitted for customer evaluation.