



Creative Partners in a Material World

**TEST REPORT FOR:
MASS LOSS AND COLLECTED VOLATILE CONDENSABLE MATERIALS**

CUSTOMER: LAIRD TECHNOLOGIES
4707 DETROIT AVENUE
CLEVELAND, OH 44102

ORDER # 145470

ATTENTION: JASON STRADER

P.O. #: P44839

SAMPLE #: 17975

TEST POSITION #: 2

MATERIAL TESTED: TPCM 780SP

LOT: T8SP

TEST DATE: 03/16/11

TEST NUMBER: 3861

PRESSURE (torr): 1.2XE-7

	SPECIFICATION LIMITS	RESULTS:	DETECTION LIMITS
Total Mass Loss (TML):	1.00 % maximum	0.69	0.01
Collected Volatile Condensable Material (CVCM):	.10 % maximum	0.23	0.01
Water Vapor Recovered (WVR):	Report	0.03	0.01

OBSERVATIONS: YES

Visible Condensate: YES

Transparent: YES

Percent Covered: 50%

Opaque: NO

Thin: N/A

Interference Fringes: NO

Heavy: YES

Color of Fringes: N/A

COMMENTS: None

SPECIMEN APPEARANCE AFTER TEST: No Change

If you have any questions regarding this report, please call
the Commerical Testing Coordinator at (805) 566-2870
TESTING PERFORMED IN ACCORDANCE WITH ASTM E-595

By: DK
Quality Assurance Designate
Date: 03/16/11

NuSil Technology LLC

1050 Cindy Lane • Carpinteria, CA 93013 • 805/684-8780 • 805/566-9905 Fax • www.nusil.com

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CLEVELAND, OH 44102

ORDER # 145470

ATTENTION: JASON STRADER

P.O. #: P44839

SAMPLE #: 17976

TEST POSITION #: 3

MATERIAL TESTED: TPCM 780

LOT: T5

TEST DATE: 03/16/11

TEST NUMBER: 3861

PRESSURE (torr): 1.2XE-7

Table with 4 columns: SPECIFICATION LIMITS, RESULTS, DETECTION LIMITS. Rows include Total Mass Loss (TML), Collected Volatile Condensable Material (CVCM), and Water Vapor Recovered (WVR).

OBSERVATIONS: YES

Visible Condensate: YES Transparent: YES
Percent Covered: 50% Opaque: NO
Thin: N/A Interference Fringes: NO
Heavy: YES Color of Fringes: N/A

COMMENTS: None

SPECIMEN APPEARANCE AFTER TEST: No Change

If you have any questions regarding this report, please call the Commerical Testing Coordinator at (805) 566-2870. TESTING PERFORMED IN ACCORDANCE WITH ASTM E-595.

By: [Signature] Quality Assurance Designate
Date: 03/16/11

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