



Test Report

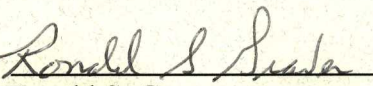
Emittance Measurement for an R+Heatshield III Specimen Supplied by Astro-Foil International, LLC

Prepared For:

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Astro-Foil International, LLC
10653 W. 181st Avenue
Lowell, IN 46353

R & D Services, Inc.
P.O. Box 2400
Cookeville, Tennessee 38502-2400

Report: RD04320

Reviewed by: 
Ronald S. Graves
Vice President

October 26, 2004



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Client: Astro-Foil International, LLC
10653 W. 181st Avenue
Lowell, IN 46353

Date of Test: October 18, 2004

Specimen: 1021041018-1

RD Test Number: RD042035SE

Project: Emittance of R+Heatshield III material Supplied by Astro-Foil International, LLC.

Test Protocol: ASTM C 1371-98, "Standard Test Method for Determination of Emittance of Materials Near Room Temperature Using Portable Emittance Meters".

Procedure

This report presents the results of physical tests conducted on the aluminum foil sample submitted to R&D Services, Inc. by Astro-Foil International, LLC. Testing was completed on October 18, 2004. Measurements were made on the aluminum foil sample using a Model AE emittance meter manufactured by Devices and Services Company of Dallas, Texas.

Observations:

The emittance meter was calibrated prior to use and calibration was verified at the end of testing. The final reported emittance is the average of three measurements.

R&D Identification

Average Emittance

1021041018-1

0.03

Uncertainty:

The 95% reproducibility as stated in Section 10 of ASTM C1371 is 0.019 units.

Ronald S. Swada
Reviewed By:

10-22-04
Date:

Test results reported apply only to the specimen tested.