



Advanced Thin Films

5733 Central Ave Boulder, CO 80301
Tel (720) 494-4194 FAX (720) 652-9948
www.atfilms.com

Certificate of Conformance

Shipped to: CALTECH

Customer PO #: 75ADV-S116372

Item #: IBS Coating

Quantity: 18 pcs. (plus 2 witness pcs.)


Description: #12 E1100056-v2-01, #4 E1100056-v2-02, #2 E1100056-v2-03
ROE = +1.7m ROE = +4.6m ROE = -0.6m

Coating run #'s: V4-1748, V4-1751

Ship Date: October 27, 2011

ATFilms Job #: 7085-1

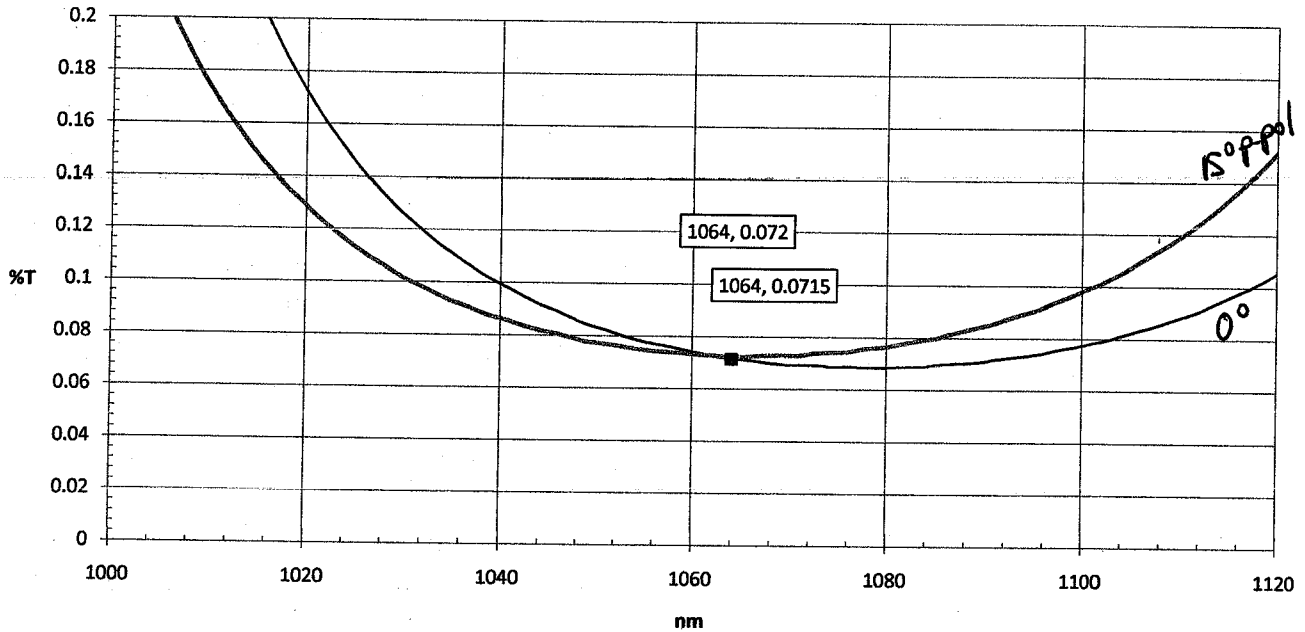
This is to certify that the parts, materials, and processes used to manufacture the items on the above referenced purchase order have been inspected and/or tested by ATFilms' quality control department and have been accepted as being compliant with all specifications and terms of the purchase order. All materials are traceable to the certifications and/or test reports that are required by customer specified standards and/or Mil Specs.


Quality Control

SPECTRAL METROLOGY REPORT

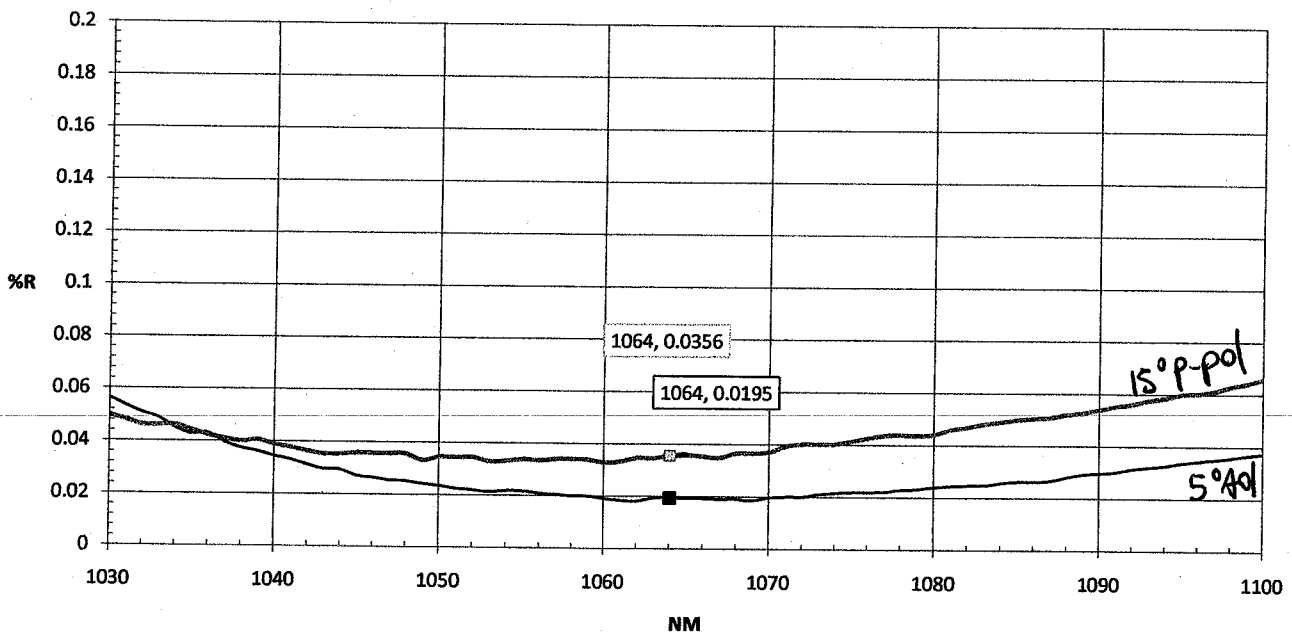
| | | | | |
|---|------------------|--|---------------------------------|-------------------------|
| CUSTOMER NAME CALTECH | | COATING RUN NUMBER(S) V4-1748, V4-1751 | ATF LOT NUMBER 7085-1 | DATE 10/27/11 |
| CUSTOMER PART NUMBER E1100056 | REV V2 | PART NAME -01, -02, -03 | PART SERIAL NUMBER NA | |

Surface "HR"



— V4-1748, FS WIT, AB450, 0° AOI, F=0.01
 - - - V4-1748, FS WIT, AB450, 15° P-POL, F=0.01

Surface "AR"



— V4-1751, FS WITNESS, 5° AOI, F=0.0409 - - - V4-1751, FS WITNESS, 15° P-POL, F=0.0371

CORNING


Semiconductor Materials Business

CERTIFICATE OF COMPLIANCE

Customer: **ADVANCED GLASS** Customer Order No.: **062311-HL1**
IND.
Specification No.: **M-975** Corning Order No.: **QD231347**
Revision Date: **4/20/2007**
Customer Set Type:

| Corning Code | | | | |
|--------------|------------------------|--------|--------|--------------------------|
| 1 | 200.03kg (440.99lb) | 905297 | 11-086 | 7980 UV REMNANT MATERIAL |

This is to certify that the above material shipped against your order is in conformance with all applicable requirements, specifications, and drawings.

Signed: 

Larry J Martin for Brian Thomas
Quality Assurance Representative

Date: 06/28/11