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# Abrasion Resistance Test Results

**\*disclaimer\***

Test results should not be shared or made public. These results are private and should only be viewed by those special permission has been granted by Optic Clear Solutions LLC.

January 12, 2016

Sam Truong  
Optic Clear Solutions  
46 Tessera Ave.  
Foot Hill Ranch, CA 92610

Subject: TABER Test Request (C2959)

Dear Sam,

Thank you for your interest in the Taber “Test Your Sample” Program. I have completed the examination and testing of the unique decal face plate sample that you submitted. Our objective was to evaluate the abrasion resistance of the submitted product.

Instrument set-up is detailed below:

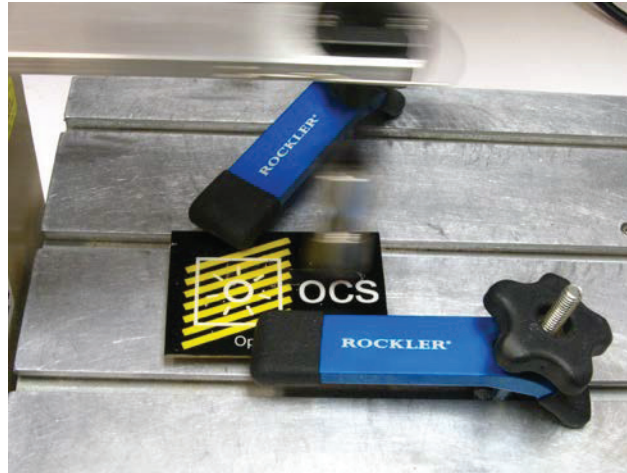
Instrument: Taber Linear Abraser – Model 5750 (See Set-up below)  
Accessories: T-slot Specimen Table and clamps  
Abradant: CS-8 Wearaser (1/4” dia.) and collet  
Speed: 60 cycles per minute (cpm)  
Stroke Length: 2 inches  
Load: 1Kg  
Operator: Cliff Fee  
Temperature: 69° F  
Rel. Humidity: 46%  
Date of Test: January 12, 2016



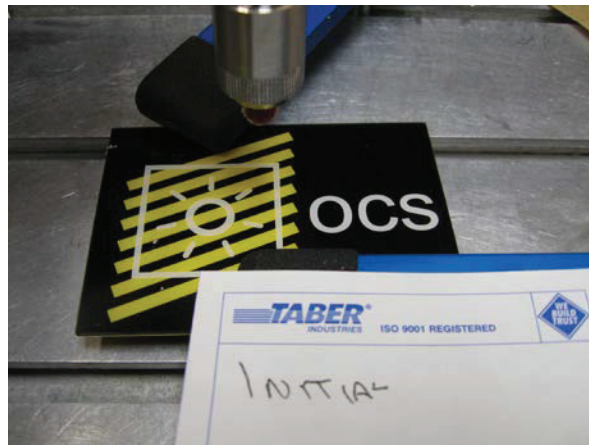
The Sample was received as finished decal face plated rings approximately 5 inch OD and 2 inch ID.

## **SAMPLE**

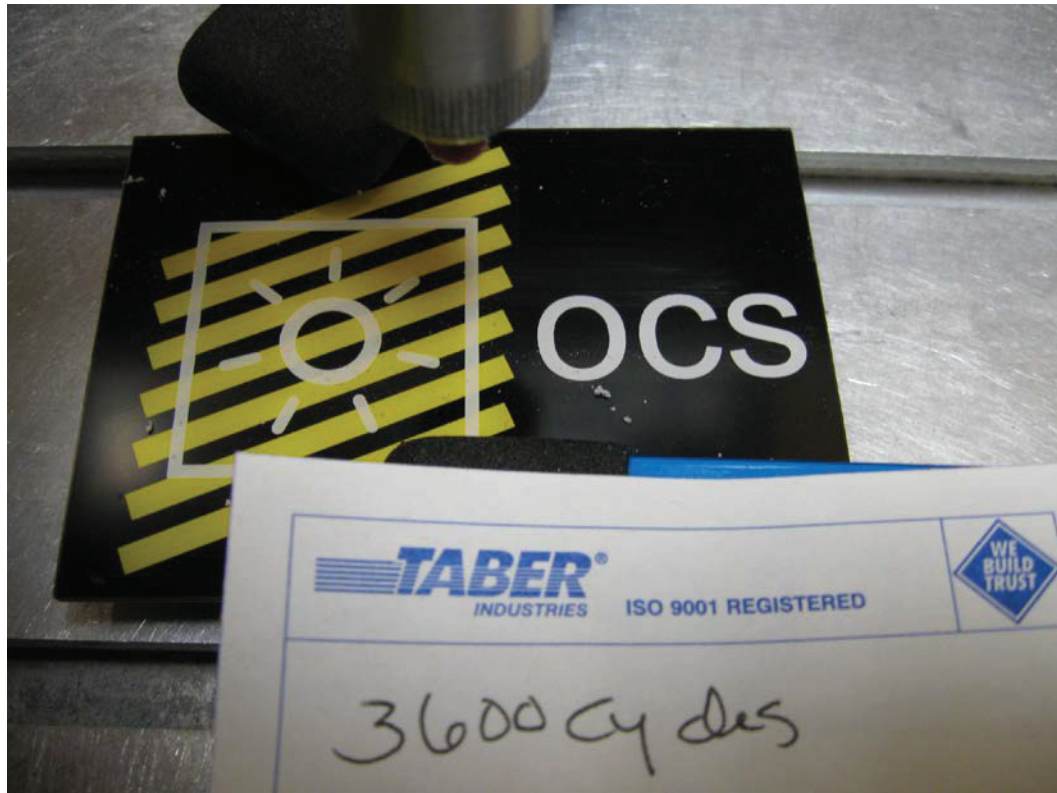
- Was set-up with CS-8 Wearaser, 1,000 gram load, 60 cpm and a 2 inch stroke length,
- The sample was held on the T-Slot Table using the standard t-slot clamps. See photograph below.



- The CS-17 Wearaser was refaced prior to each test as well as every 3600 cycles on an S-14 Refacing Strip.
- See initial photograph below.



- The test was started and continued to 3600 cycles. The test was stopped and the Wearaser was refaced.



- The test was restarted and continued for an additional 3600 cycles for a total of 7200 cycles.



- A change in gloss was noticed but no break-through of the coating to the substrate was observed.

- The test was restarted and continued for an additional 3600 cycles for a final total of 10,800 cycles.



Per the customer's request a video was also acquired. This will be made available to the customer for download online.

The Sample will be returned for the customer's review. Questions or comments regarding testing can be directed to me at the information below.

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