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Technical Service Report

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51

Project #: **CX07J6A**

Quote #: **2016-440**

Date: **9/19/2016**

PO#:

Abstract:

Analysis of 4 products for Solar Reflectance per ASTM C1549-09(2014) and Thermal Emittance per ASTM C1371-15 to calculate Solar Reflective index per ASTM E1980-11 for ONNCCE.

| RCMA# | Description of Material | Receiving Date |
|-------------|--|----------------|
| RCMA-160917 | 1 quart Sun Glare 5 Lot 201681001 DIT335/M01-E01-01 | 9/6/2016 |
| RCMA-160918 | 1 quart Sun Glare 5 Lot 201681001 DIT335/M01-E02-01 | 9/6/2016 |
| RCMA-160919 | 1 quart Sun Glare 10 Lot 201681001 DIT335/M01-E03-01 | 9/6/2016 |
| RCMA-160920 | 1 quart Sun Glare 10 Lot 20168101 DIT335/M01-E04-01 | 9/6/2016 |
| RCMA-160921 | 1 quart Sun Glare 20 Lot 20168101 DIT335/M01-E05-01 | 9/6/2016 |
| RCMA-160922 | 1 quart Sun Glare 20 Lot 20168101 DIT335/M01-E06-01 | 9/6/2016 |
| RCMA-160923 | 1 quart Sun Glare 30 Lot 20168101 DIT335/M01-E07-01 | 9/6/2016 |
| RCMA-160924 | 1 quart Sun Glare 30 Lot 20168101 DIT335/M01-E08-01 | 9/6/2016 |

| Test | Method | Requirement | Result | Conclusion |
|--|--------|----------------|--------|------------|
| Solar Reflectance per ASTM C 1549 - Sun Glare 10 Lot 201681001 DIT335/M01-E03-01 | ONNCCE | Report Results | 0.874 | N/A |
| Solar Reflectance per ASTM C 1549 - Sun Glare 10 Lot 20168101 DIT335/M01-E04-01 | ONNCCE | Report Results | 0.874 | N/A |
| Solar Reflectance per ASTM C 1549 - Sun Glare 20 Lot 20168101 DIT335/M01-E05-01 | ONNCCE | Report Results | 0.879 | N/A |
| Solar Reflectance per ASTM C 1549 - Sun Glare 20 Lot 20168101 DIT335/M01-E06-01 | ONNCCE | Report Results | 0.874 | N/A |
| Solar Reflectance per ASTM C 1549 - Sun Glare 30 Lot 20168101 DIT335/M01-E07-01 | ONNCCE | Report Results | 0.882 | N/A |
| Solar Reflectance per ASTM C 1549 - Sun Glare 30 Lot 20168101 DIT335/M01-E08-01 | ONNCCE | Report Results | 0.881 | N/A |



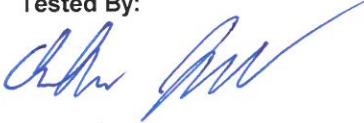
| Test | Method | Requirement | Result | Conclusion |
|--|--------|----------------|--------|------------|
| Solar Reflectance per ASTM C 1549 - Sun Glare 5 Lot 201681001 DIT335/M01-E01-01 | ONNCCE | Report Results | 0.840 | N/A |
| Solar Reflectance per ASTM C 1549 - Sun Glare 5 Lot 201681001 DIT335/M01-E02-01 | ONNCCE | Report Results | 0.849 | N/A |
| Thermal Emittance per ASTM C 1371 - Sun Glare 10 Lot 201681001 DIT335/M01-E03-01 | ONNCCE | Report Results | 0.89 | N/A |
| Thermal Emittance per ASTM C 1371 - Sun Glare 10 Lot 20168101 DIT335/M01-E04-01 | ONNCCE | Report Results | 0.88 | N/A |
| Thermal Emittance per ASTM C 1371 - Sun Glare 20 Lot 20168101 DIT335/M01-E05-01 | ONNCCE | Report Results | 0.90 | N/A |
| Thermal Emittance per ASTM C 1371 - Sun Glare 20 Lot 20168101 DIT335/M01-E06-01 | ONNCCE | Report Results | 0.90 | N/A |
| Thermal Emittance per ASTM C 1371 - Sun Glare 30 Lot 20168101 DIT335/M01-E07-01 | ONNCCE | Report Results | 0.90 | N/A |
| Thermal Emittance per ASTM C 1371 - Sun Glare 30 Lot 20168101 DIT335/M01-E08-01 | ONNCCE | Report Results | 0.90 | N/A |
| Thermal Emittance per ASTM C 1371 - Sun Glare 5 Lot 201681001 DIT335/M01-E01-01 | ONNCCE | Report Results | 0.89 | N/A |
| Thermal Emittance per ASTM C 1371 - Sun Glare 5 Lot 201681001 DIT335/M01-E02-01 | ONNCCE | Report Results | 0.88 | N/A |



Conclusion:

Test results are as reported with no acceptance criteria provided.
 An average of 2 specimen results for each product are reported above.
 9/16/16 2:00 PM
 73.2°F / 52.9% R.H.
 1.5 Air Mass

Tested By:



Andrew Jambor

Laboratory Technician

Reviewed By



Cindy Campbell

Project Testing Manager

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