| | | |
|---|---|---|
| Testing | : | **D-C Resistance Of Insulating Materials** |
| Test Method | : | ASTM D257-14 |
| Project Number | : | P20153680 Purchase Order # : 82015 |
| Customer | : | ODIN International, Inc. THOR Tarp Division |
| Attention | : | Steve |
| Analyst | : | P. Bacon |
| Date | : | August 28, 2015 |

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TESTING LABORATORY

| | | |
|---|---|---|
| Material | : | **61" 11 oz. Anti-Static and Flame Retardant Vinyl Laminated Polyester (Part# VLP-1100-AS)** |
| Sample Dimensions | : | 4" x 4" plaques |
| Electrode Type | : | Guarded Parallel Plate |
| Electrode Dimensions | : | Measuring : 1.9993 in. O.D. 0.25835 in. Thick |
| | | : 3.2340 in. O.D. 2.2545 in. I.D. 0.251 in. Thick |
| | | Guard : 2.9790 in. O.D. 0.4904 in. Thick |
| Measurement Method | : | Three Terminal |
| Measurement Circuit | : | Parallel |
| Applied Voltage | : | 500 Volts |
| Electrode Area | : | 22.92 $cm^2$ |
| Electrification Time | : | 60 Seconds |
| Sample Preparation | : | Cut to size by Intertek PTL |
| Sample Conditioning | : | 40+ Hours at 23°C ± 2°C / 50% ± 10% RH |
| Test Conditions | : | 23°C ± 2°C / 50% ± 10% RH |

| Sample Name | | Thickness (in) | Apparent Surface Resistance (Ω) | Apparent Surface Resistivity (Ω/square) |
|---|---|---|---|---|
| **Side A** | | 0.0133 | 4.42E+10 | 2.31E+12 |
| | | 0.0133 | 2.82E+10 | 1.48E+12 |
| | | 0.0134 | 2.90E+10 | 1.52E+12 |
| | Average | | 3.38E+10 | **1.77E+12** |
| **Side B** | | 0.0140 | 1.21E+10 | 6.34E+11 |
| | | 0.0135 | 1.18E+10 | 6.18E+11 |
| | | 0.0135 | 1.98E+10 | 1.04E+12 |
| | Average | | 1.46E+10 | **7.63E+11** |

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