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**ISO/IEC 17025:1999**



## **Mechanical Test Report: Tensile Properties**

Contact: Glenn Myrick

**NCI BUILDING SYSTEMS**

422 Kirby Drive

Lexington, TN 38351

Report Date: 10/16/07

**ME&T#:** 41484 & 41485

Quote#: Verbal

P.O.#: 1354209

Date Sample Received: 09/24/07

Mill: NUCOR

Specification: ASTM A572 Grade 50

Alloy Content: Type 2

Universal Tester: 228

Test Procedure: MPT-10.0, ASTM A370

Operator: W.J. Werner

Test Date: 10/04/07 & 10/15/07

## **TEST RESULTS**

|   | <b><u>ME&amp;T#</u></b><br><b><u>41484</u></b> | <b><u>ME&amp;T</u></b><br><b><u>41485</u></b> |
|---|--|---|
| Area (in <sup>2</sup> ):                            | 0.123  | 0.119   |
| Ultimate Tensile Strength (psi):                    | 62346  | 66957   |
| Yield Strength (psi):                               | 48053  | 51152   |
| Elongation (%):                                     | 32.0   | 30.7  |
| Heat:   | 174950   | 174950  |
| Coil:   | 174950-3B                                      | 174950-3B                                     |
| Thickness (in):                                     | .2415  | .2415   |
| Alloy Content:                                      | Type 2   | Type 2  |
| CMTR Conformance (Tensile) ASTM A1018:              | Yes  | Yes   |
| CMTR Conformance (Composition) ASTM A572 Grade 50*: | Yes  | Yes   |
| Tensile Conformance to ASTM A572 Grade 50:          | No   | Yes   |

Materials Engineering & Testing certifies results as indicated.

Sincerely,

Patrick Werner  
President, **ME&T**