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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: 10/17/07

**ME&T#: 41579 RETEST**

Quote#: Verbal

P.O.#: 1354209

Date Sample Received: 09/27/07

Mill: NUCOR

Specification: ASTM A572 Grade 50

Alloy Content: Type 1

Universal Tester: 228

Test Procedure: MPT-10.0, ASTM A370

Operator: W.J. Werner

Test Date: 10/04/07

### **RE-TEST RESULTS**

**ME&T#**

**41579**

Area (in <sup>2</sup> ):	<u>0.124</u>
Ultimate Tensile Strength (psi):	<u>62130</u>
Yield Strength (psi):	<u>46202</u>
Elongation (%):	<u>35.0</u>
Heat:	<u>175523</u>
Coil:	<u>175523-3B</u>
Thickness (in):	<u>0.2415</u>
Alloy Content:	<u>Type 1</u>
CMTR Conformance (Tensile) ASTM A1018:	<u>Yes</u>
CMTR Conformance (Composition) ASTM A572 Grade 50*:	<u>Yes</u>
Tensile Conformance to ASTM A572 Grade 50:	<u>No</u>

Materials Engineering & Testing certifies results as indicated.

Sincerely,

Patrick Werner  
President, **ME&T**