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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: 07/24/07

**ME&T#:** 40879-80

Quote#: Verbal

P.O.#: 1352617

Date Sample Received: 07/11/07

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: 07/24/07

## **RESULTS**

	<b><u>ME&amp;T#</u></b> <b><u>40879</u></b>	<b><u>ME&amp;T#</u></b> <b><u>40880</u></b>
Area (in <sup>2</sup> ):	0.124	0.124
Ultimate Tensile Strength (psi):	63346	61684
Yield Strength (psi):	50010	48530
Elongation (%):	36.9	34.4
Heat:	173943	173943
Coil:	173943-4B	173943-4B
Thickness (in):	0.2415	0.2415
Alloy Content:	Type 1	Type 1
CMTR Conformance (Tensile) ASTM A1018:	Yes	Yes
CMTR Conformance (Composition) ASTM A572 Grade 50*:	Yes	Yes
Tensile Conformance to ASTM A572 Grade 50:	No	No

Materials Engineering & Testing certifies results as indicated.

Sincerely,

Patrick Werner  
President, **ME&T**