

## **CERTIFIED MILL TEST REPORT (CMTR)**

**Spool Wire for BNT-64 Rebar Tying Tool:** 

| Chemical Tests |        |       |       |        | Physical Tests                |                                 |                   |
|----------------|--------|-------|-------|--------|-------------------------------|---------------------------------|-------------------|
| C (%)          | Mn (%) | S (%) | P (%) | Si (%) | Yield<br>Strength<br>(P.S.I.) | Tensile<br>Strength<br>(P.S.I.) | Elongation<br>(%) |
| 0.07           | 0.27   | 0.003 | 0.002 | 0.05   | 37,710<br>260 Mpa             | 55,114<br>380Mpa                | 34.5              |
| 0.05           | 0.29   | 0.003 | 0.002 | 0.13   | 37,710<br>260 Mpa             | 55,114<br>380 Mpa               | 34                |

## **TYING WIRE SPECIFICATIONS:**

Thickness of Wire: 1.0 mm, 18 gauge, .0403 inch A.W.G Length of wire: 45 meters per roll/spool or 148 feet 40 wire spools per case Wire Coating: Electro-Galvanized Manufactured in China for Benner-Nawman, Inc.

In accordance with ASTM A853 – 04, this specification covers carbon steel wire coils for general use. Steel was hard drawn and annealed at the finish size.