

# Technical Data Sheet

## 510M MIG Wire



**Cronatron™**  
A LAWSON BRAND



### Overview

All-purpose, high-strength aluminum MIG wire formulated for maintenance and repair welding. Fast, easy feeding without the problems of bending and jamming. Low spatter, controlled arc transfer produces flat, dense weld deposits.

### Features/Benefits

- High tensile strength
- High column strength greatly reduces jamming
- Low spatter
- Sound, flat, dense welds
- Convenient packaging

### Applications

- Casting and housings
- Cylinder heads
- Oil pans, vessels, valves and tanks
- Pipes and frames
- Guard rails
- Appliances

### Method of Application

MIG welding machine

### Identification

Labeled wire spool

### Directions for Use

Clean base metal with suitable chemical cleaner. Run on DC reverse polarity with Argon shielding gas. Hold short arc using either stringer beads or a slight weave bead.

### Technical Specifications

Tensile Strength: 35,000 PSI (241 MPa)      Elongation: 12%  
Yield Strength: 12,000 PSI (83 MPa)      Gas: 100% Ar

### Technical Tips

For typical operating parameters refer to Product Information Report – Typical Operating Parameters

