



Manufacturers of Custom Welding Lines for Resale
www.selectrode.com

SELECTRODE
7072
Mild Steel MIG Wire

INTERNATIONAL CLASSIFICATIONS

AWS A5.18: ER70S-2

DIN EN ISO 14341-A: G42 2C/M G3Si1+Ti

FEATURES & APPLICATIONS

7072 is a multiple deoxidized wire which provides defect free weld deposits on most carbon steels. It is excellent for root pass on pipe welding. The product is designed for use with various gas mixtures such as 100% CO₂, 75/25 Ar/CO₂ or 98/2 Ar/0₂. Even in the most difficult applications it produces a smooth stable arc with low spatter, producing a weld bead that ties in evenly with the sides and has a smooth finished appearance.

Typical Applications:

- Repairs on a variety of mild and low alloy steel
- Structural steel, Frame fabrication, automotive structures and pressure vessels
- Sheet metal applications
- Root pass pipe welding
- General carbon steel fabrication

ALL WELD METAL ANALYSIS (TYPICAL WEIGHT %)

C	Cr	Cu	Mn	Mo	Ni	P	S	Si	V	Ti	Zr
.04	.08	.20	1.08	.08	.08	.003	.005	.55	<.002	.10	.07

TYPICAL MECHANICAL PROPERTIES (AS WELDED)

Shielding Gas:	CO₂	75% Ar/25% CO₂	98% Ar/2% CO₂
Tensile Strength (PSI):	80-85,000	85-90,000	85-90,000

Yield Strength (PSI):	65-70,000	70-75,000	70-75,000
Elongation % in 2”:	28.5	28%	28%
Charpy V-notch ft. lbs.:	20-30	25-35	30-40

WELDING CURRENT & INSTRUCTIONS

Welding Current: DECP (Electrode Positive, Reverse Polarity)

Welding Positions: All position

Available Diameters and Suggested Operating Range in Amps:

.035” : 165-300

.045” : 200-375

1/16” : 275-500

3/32” : 300-600