



# E7018

**Certifications:**

AWS A5.1  
ASME SFA A5.1

## Features

- Ultra smooth finely rippled weld beads.
- Excellent impact notch toughness
- Recommended for critical security welding applications
- Good operating characteristics when positional welding
- Good bead appearance.
- Improved deposition rate.

## Applications

- Used for welding mild and low alloyed steels under conditions of high restraint.
- Used in structural engineering, boilers, tanks, bridges, ship building, vehicle construction
- Manufacturing - Architectural and Structural Metals, Mining, Agricultural, Motor Vehicles, Aerospace, Shipbuilding
- Construction - Residential, Commercial, Bridges, Dams, Utilities
- Or any other industry where welders may work

## Diameters & Packages

Diameter	2 lb	5 lb	10 lb	50 lb
1/16"		✓		
3/32"	✓	✓	✓	✓
1/8"	✓	✓	✓	✓
5/32"		✓	✓	✓
3/16"			✓	✓

## Technical Specifications

Country of Origin: Turkey

**Typical Chemical Composition:**

Chemical	C	Mn	Si	P	S
	0.15 max	1.60 max	0.75 max	0.035 max	0.035 max

Chemical	Ni	Cr	Mo	V	
	0.30 max	0.20 max	0.30 max	0.08 max	

**Recommended Weld Parameters:**

Diameter	Amps
3/32"	80-110
1/8"	100-150
5/32"	130-200

**Typical Mechanical Properties:**

Tensile Strength	Yield Strength	Elongation
82,670 psi	69,610 psi	30%