Mild Steel Electrodes

Alloy: WW6010
Class: E6010
Certification: AWS A5.1
ASME SFA A5.1

Alloy: E6010
Weld Process: Shielded Manual Metal Arc Electrodes

AWS Chemical Composition Requirements
Not Specified In AWS Specifications

Deposited Chemical Composition % (Typical)
C = 0.08 Mn = 0.50 Si = 0.20

Deposited All Weld Metal Properties %
(Typical) As-Welded
Yield Strength (PSI) 60,000
Tensile Strength (PSI) 68,200
Elongation in 2" (%) 26%

Deposited Charpy-V-Notch Impact Properties %
(Typical) As-Welded
33 ft. lbs. (tested at -5°F)

Recommended Welding Parameters
Diameter Amperage
3/32” 40 – 80
1/8” 70 – 130
5/32” 100-180
Current (DCRP)

Application
E6010 is an all position electrode including vertical down hand. Use on pipe or general welding on large diameter pipe.

If additional information is needed Contact Weldwire Company, Inc. 800-523-1266