

CERTIFICATE OF ANALYSIS
FOR
PROTOUCH WET WELDING ELECTRODES

CUSTOMER ORDER NUMBER

TYPE: PROTOUCH

SIZE: 1/8"

LOT NO:

SPECIFICATION: AWS A5.1

STOCK NO:

CLASS: E70XX

TYPICAL WELD METAL PROPERTIES

WELD METAL CHEMISTRY(%)

MECHANICAL PROPERTIES

C	0.055	Ultimate Tensile Strength 75,659 psi
Mn	0.467	0.2% Offset Yield Strength 66,619 psi
Si	0.330	Elongation in 2" 11%
P	0.008	Charpy impact energy: 39 ft.lbs. @ 28F
F		
S	0.016	
Nb	0.006	Radiographic inspection met and exceeded the acceptance criteria of AWS D3.6 for Class A welds and the Class 1 acceptance criteria of MIL-STD-2035 for surface welding.
Ni	0.067	
Cr	0.025	
V	0.024	
Cu	0.015	

Note: Electrode Size-1/8" Welding
Position- Vertical Water
Depth/Type- 30'/Fresh

The above chemical results and mechanical properties were obtained from actual tests run by Accurate Weldment Testing, reference certificate number 60704, dated 20 March 2020. Other tests and procedures may produce different results.