

## CERTIFICATE OF QUALITY

**ERNiMo-10**

**CATEGORY:** GMAW-GTAW Solid wires

**APPLICATIONS:**

ERNiMo-10 filler metal is used for the gas metal and gas tungsten alloy arc welding. The alloy has outstanding resistance to hydrochloric and sulfuric acids in the as-welded condition and excellent thermal stability. It's a great candidate for overlay and cladding where resistance to hydrochloric and sulfuric acids is needed. The filler metal finish on the spooled wire promotes smooth feeding through welding equipment and reduced tip wear in contact tips.

**CLASSIFICATION:**

AWS A 5.14: ER NiMo-10 | ASME-SFA-5.14 ERNiMo-10

**WELDING POSITIONS:**



**TYPICAL WELD DEPOSIT WEIGHT % :**

Dia(mm)	Chemical Composition (%)									
	Ni	Mo	Co	Mn	Tu	Cr	C	Al	Nb+Ta	Balance
	<65.0	27.0~32.0	<3.0	<3.0	<3.0	1.0~3.0	<0.01	<0.50	<0.20	Rem.,
	Melting metal mechanical performance									
	Tensile	Mpa	Elongation			Hardness HRc / HV				
	110,000	>730	>32							

**SIZE AVAILABLE:**

Filler metals are available in MIG spools, TIG cut lengths, reels, and coils from the above diameters.

Standard TIG straight lengths maximum are available in 1000mm lengths. *Other lengths available upon request.*

Quality Control Stamp:

Date: March-17,2019

