

CLASSIFICATIONS

AWS A5.14 : ER - Ni 1

DESCRIPTION

- Use in various applications of joint-welding of the materials Nickel 200/201 or stainless steels. Suitability for use in welding of carbon steels or of high-alloyed nickel or nickel-copper alloys
- Required use of Ar (I1) as shielding gas in TIG welding

CHEMICAL ANALYSIS OF WELD METAL % (TYPICAL)

Ni: Rest | C: 0.02 | Si: 0.4 | Mn: 0.4 | Ti: 3.0

MECHANICAL PROPERTIES

Yield Strength (N/mm ²)	Tensile Strength (N/mm ²)	Impact Strength (ISO-V/+20°C)	Elongation (L ₀ =5d ₀) (%)
min. 300	min. 500	min. 250 J	min. 30

BASE MATERIALS

- 2.4061 , 2.4116 , 2.4170 as well as copper and its combinations with steel castings

WELDING POSITIONS



CURRENT TYPE

TIG D.C.(-)

OPERATING DATA

Product Code	Diameter x Length (mm) / (inch)		Package Weight (Kg)
1011100174	1.20	0,047"	15
1011100175	2,4 x 1000	3/32 x 39"	15