

CLASSIFICATIONS

EN ISO 14343-A : G/W 17

AWS A5.9 : ER 430

DESCRIPTION

- Applicability in surfacing to provide resistance to corrosion, wearing, and heat
- Requirement of use of for MIG : Ar+ %2.5 O₂ or Ar+ %2.5 CO₂ mix gas as shielding
- For TIG : Ar gas as shielding

CHEMICAL ANALYSIS OF WELD METAL % (TYPICAL)

C: 0.05 | Si: 0.40 | Mn: 0.40 | Cr: 17.0

MECHANICAL PROPERTIES

Yield Strength (MPa)	Tensile Strength (MPa)	Elongation (L ₀ =5d ₀) (%)	Heat Treatment
min. 300	min. 450	min. 20	760 - 790°C /2h

BASE MATERIALS

- X 6 CrTi 17, X 20 CrNi 17 2
- AISI: 431, 430Ti

WELDING POSITIONS



CURRENT CONDITION

MIG D.C.(+) / TIG D.C. (-)

OPERATING DATA

Product Code	Diameter x Length (mm) / (inch)		Weight (Kg)	Package Type
1011100071	1.0	0.040"	15	BS 300
1011100072	1.2	0.047"	15	BS 300
1011100073	1.6	0.062"	15	BS 300
1011100074	2.40 x 1000	3/32 x 39"	5	Plastic Box