

Standards

TS EN ISO 14343-A	: G/W 17
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AWS AS.9	: ER 430

Chemical Composition of Welding Wire % (Typical)

C	Si	Mn	Cr
0.05	0.40	0.40	17.0

Mechanical Properties (MIG)

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

Typical Base Material Grades

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

Features and Applications

- 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

Welding Positions



Current Type

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

Operating Data

Product Code	Diameter x Length (mm) / (inch)		Weight (Kg)	Package Type
6011100403	1.0	0.040"	15	BS 300
6011100366	1.2	0.047"	15	BS 300
6011100376	1.6	0.062"	15	BS 300
6011100367	2.40 x 1000	3/32 x 39"	5	Plastic Box

Approvals: CE, SEPRO