

Standards

TS EN ISO 14172	: E Ni 6182 (mod)(NiCr15Fe6Mn)
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AWS A5.11	: ~E NiCrFe-3

Mechanical Properties

Yield Strength (N/mm ²)	Tensile Strength (N/mm ²)	Elongation ((L ₀ =5d ₀) (%))	Hardness (HB)
min. 360	660-715	40-45	200

Features and Applications

- A high-alloyed nickel based electrode giving weld metal of Inconel-type resistant to cracking and impact at low temperatures
- Excellent result in the production of welding bead subject to various corrosive media and temperatures from -196° to 1000°C
- Mechanical properties of weld is not affected by heat treatment
- High resistance to heat, oxidation and corrosion, also suitable for nickel alloys such as Inconel and Incoloy
- Joint welding of different steels with each other
- Also include cement kiln rings, blast furnace components, chemical containers and liquid gas installations
- It is also used in crack repairing and joint welding

Welding Positions



MIG & TIG Wire

GeKaTec 7015 SG

Current Type

D.C.(+)

Operating Data

Product Code	Diameter x Length (mm) / (inch)		Welding Current (A)	Package Weight (Kg)	Weight g / 100 pcs
3030100020	2.50 x 250	3/32 x 10"	50-60	4	1600
3030100022	3.20 x 300	1/8 x 12"	70-95	5	2850
3030100023	4.00 x 350	5/32 x 14"	90-120	5	5000
3030100024	5.00 x 350	3/16 x 14"	130-160	5	6970

Approvals: CE, SEPRO