

Description

It is a solid wire for butt welding and fillet in naval construction, bridges, steel structural, structures, machineries and vehicles.

It can be used with CO2 or gas mixture Ar + CO2 and supports a wide range of amperage.

Low level of projections.

Classification

IN ISO 14341-A: 2008

G42 2 C1 G3Si1

AWS 5.18

ER70S-6

G42 2 M21 G3Si1

Polarity and protection gas

CO2

MIX

DCEP

100% CO2

AR + 20% CO2

(DC+)

Typical weld metal chemical composition (%)

C

Mn

Si

P

S

0,07

1,48

0,87

0,013

0,009

All weld mechanical properties (typical)

	Yield Strength (Mpa)	Tensile Strength (Mpa)	EL (%)	Impact value	Impact temperature
AWS SFA 5.18	≥420	≥500	>22	≥27	-30

Applications

Suitable for steel construction and production of machinery.

Welding of ships, boilers, pipes, etc.

Diameters

0,8 mm

1,0 mm

1,2 mm