

# TECHNICAL SHEET

## 80 SG NiCr



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**Product name**

80 SG NiCr

**Class of product**

Nickel-Chromium alloyed wire for MIG / TIG welding

**Corresponding standards**

EN440 ~ G3 Ni1

AWS 5.28 ER80S-G

**Composition (weight %)**

C: 0,08

Si: 0,60

Mn: 1,30

Ni: 0,80

Cr: 0,20

Cu: ≤ 0,40

**Typical Mechanical Properties**

S: 510 N/mm<sup>2</sup>

R: 590 N/mm<sup>2</sup>

A% (5d): 25

**Range of application:**

Excellent resistance to atmospheric agents thanks to the presence of Cu, Cr, Ni.  
Suitable for bridges, cranes, ground moving machines, boilers, building structures, petrochemical sector, fans, gas pipes, fume suction, etc.

**Characteristics Make-up:**

Rods & Wires

The above data are subject to change without notice by Spring.

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