

TECHNICAL SHEET

80 SG Ni



Product name

80 SG Ni

Class of product

Nickel alloyed wire for MIG / TIG welding

Corresponding standards

EN440 G3 Ni1

AWS 5.28 ER80S-G

Composition (weight %)

C: 0,09

Si: 0,60

Mn: 1,40

Ni: 0,90

Cu: ≤ 0,40

Typical Mechanical Properties

S: 530 N/mm²

R: 610 N/mm²

A% (5d): 26

Range of application:

Good mechanical properties and resistance to atmospheric agents.

Suitable for handling machines, boilers, building structures, petrochemical sector, gas pipelines, etc.

Characteristics Make-up:

Rods & Wires

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

SPRING WELDING ALLOYS

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