



Nexus S3 Si

C-Mn wire for TIG welding mild and medium carbon steels

C-Mn copper coated solid TIG wire for joining materials requiring good impacts down to - 60°C

International Standards

AWS A5.18- 01
ER70S-G

Typical Wire Analysis (wt%)

C	Si	Mn	S	P
0.10	0.21	1.54	0.008	0.007

Typical All-Weld Metal Mechanical Properties

Yield Strength N/mm²	Tensile Strength N/mm²	Elongation %	Impact Strength - 60°C
535	600	25	180

Welding Positions

All Positions including vertical down
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Materials

BS3601:1987 all grades, BS 3602:Pt1 1987 Grades 360,430 ASTM A106 Grades A,B and C pipes

Packaging

Size mm	1.6	2.4
Plastic 5 kilo Tube	✓	✓

Additional Information

Certification	BS EN 10204:2004 Type 3.1
Material safety data sheet	MSDS11
BOC Shielding Gas TIG	Pureshield Argon