



Nexus S3 1Ni 1/2Mo

1Ni $\frac{1}{2}$ Mo TIG wire for welding high strength low alloy steels

Low alloy, copper coated solid TIG wire for joining high strength low alloy steels down to - 60°C.

International Standards

AWS A5.28- 05
ER90S-G

Typical Wire Analysis (wt%)

C	Si	Mn	S	P	Cr	Mo
0.10	0.21	1.54	0.008	0.007	0.89	0.50

Typical All-Weld Metal Mechanical Properties

Yield Strength N/mm²	Tensile Strength N/mm²	Elongation %	Impact Strength - 60°C
655	734	25	230

Welding Positions

All Positions including vertical down
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Materials

API 5LX 65,X70 pipe

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	MSDS 11
BOC Shielding Gas TIG	Pureshield Argon