



Nexus 2CrMo

2.5 CrMo wires for MIG and TIG welding creep resisting steels

Low alloy copper coated solid MIG/TIG wires for joining and overlaying materials of similar compositions at temperatures up to 600°C

International Standards

	BS EN 12070:1999	AWS A5.28-96
TIG	W CrMo2Si	ER90S-G
MIG	G CrMo2Si	ER90S-G

Typical Wire Analysis (wt%)

C	Si	Mn	S	P	Cr	Mo
0.08	0.60	0.92	0.011	0.012	2.45	1.00

Typical All-Weld Metal Mechanical Properties

	Yield Strength N/mm²	Tensile Strength N/mm²	Elongation %	Impact Strength -10°C
TIG	≥400	≥540	≥22	≥47J
MIG	≥400	≥540	≥22	>80J@20°C

Welding Positions

All Positions including vertical down
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Materials

10CrMo9-10 and 10CrSiMoV7

Packaging

Size mm	1.6	2.4	3.2
Plastic 5 kilo Tube	✓	✓	✓

Size mm	0.8	1.0	1.2
Metal spools 15 kilo	✓	✓	✓

Additional Information

Certification	BS EN 10204:2004 Type 3.1
Material safety data sheet	MSDS 04
BOC Shielding Gas MIG	Argoshield Light (<4mm) Universal (2-10mm) Heavy (>9mm)
BOC Shielding Gas TIG	Pureshield Argon