



Nexus MnMo

MnMo wires for MIG and TIG welding creep resisting steels

Low alloy, copper coated solid wire for joining creep resisting steels of a similar composition at elevated temperatures up to 500°C.

International Standards

	EN 440:1994	AWS A5.28- 05
TIG	-	ER 80S-D2
MIG	G4Mo	ER 80S-D2

Typical Wire Analysis (wt%)

	C	Si	Mn	S	P	Mo
TIG	0.09	0.70	1.95	0.011	0.012	0.50
MIG	0.09	0.70	1.95	0.011	0.012	0.50

Typical All-Weld Metal Mechanical Properties

	Yield Strength N/mm ²	Tensile Strength N/mm ²	Elongation %	Impact Strength -29°C
TIG	≥470	≥550	≥24	≥47J
MIG	≥470	≥550	≥22	≥27J

Welding Positions

All Positions including vertical down

Materials

P235G1TH-P255G1TH, P310GH, 16Mo3

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 11
BOC Shielding Gas MIG	Argoshield Light (<4mm) Universal (2-10mm) Heavy (>9mm)
BOC Shielding Gas TIG	Pureshield Argon