



Nexus NiCrMo

NiCrMo wire for MIG welding very high strength, low temperature steels

Low alloy copper coated solid MIG wires for joining and overlaying fine grain structural materials of similar compositions.

International Standards

ISO 16834 - A - :2007	AWS A5.28- 05
GMn3Ni1CrMo	ER100S-G

Typical Wire Analysis (wt%)

C	Si	Mn	S	P	Cr	Ni	Mo	V
0.09	0.52	1.57	0.011	0.012	0.30	1.40	0.25	0.09

Typical All-Weld Metal Mechanical Properties

Yield Strength N/mm ²	Tensile Strength N/mm ²	Elongation %	Impact Strength -40°C
≥690	≥790	≥16	≥47J

Welding Positions

All Positions including vertical down

Materials

S690QL1, S420N-S500N P420NH-P500NH and S420NL-S500NL
--

Packaging

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)