



Nexus 9CrMo

9CrMo wire for TIG welding Creep resisting steels

Low alloy copper coated solid TIG wire for joining and overlaying creep resisting steels of similar compositions.

International Standards

AWS A5.28- 05
ER80S-B8

Typical Wire Analysis (wt%)

C	Si	Mn	S	P	Cr	Mo
0.10	0.35	0.68	0.011	0.015	9.2	0.96

Typical All-Weld Metal Mechanical Properties

Yield Strength N/mm²	Tensile Strength N/mm²	Elongation %	Impact Strength 20°C
≥415	≥585	≥17	≥47

Welding Positions

All Positions including vertical down
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Materials

ASTM A387 Grade 9

Packaging

Size mm	1.6	2.4	3.2
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