



S2 1½Cr¼ Mo, S2 2¼Cr 1Mo,
S2 5Cr1Mo

Copper coated solid wires for Low alloy creep resisting submerged arc welding

Low alloy creep resisting wires for use in combination with fully basic submerged arc fluxes.

International Standards

	BS EN 12070:2000	AWS A5.23 - 97
S2 1½ Cr ½ Mo	S Cr Mo 1	EB2
S1 2¼ Cr 1Mo	S Cr Mo 2	EB3
S1 5Cr 1Mo	S Cr Mo 5	EB6

Typical Wire Analysis (wt%)

	C	Si	Mn	Cr	Mo
S2 1½ Cr ½ Mo	0.10	0.17	0.95	1.20	0.52
S1 2¼ Cr 1Mo	0.10	0.20	0.95	2.45	1.00
S1 5Cr 1Mo	0.08	0.30	0.50	6.00	0.60

Mechanical Properties

Dependant upon flux wire combination.

Materials

S2 1½ Cr ½ Mo	13CrMo4-5, 16CrMo4, 24CrMo5, 25CrMo4
S1 2¼ Cr 1Mo	10CrMo9-10, 10CrSiMoV7
S1 5Cr 1Mo	X12CrMo5

Packaging

Size mm	1.6	2.4	3.2	4.0
25 kilo Coil	✓	✓	✓	✓
250 kilo Pops	✓	✓	✓	✓

Additional Information

Certification	BS EN 10204:2004 Type 3.1
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