



S3Si, S3 1Ni ¼Mo

Copper coated solid wires for Low alloy steel submerged arc welding

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

International Standards

	BS EN 756:2004	AWS A5.17 and 23
S3 Si	S3 Si	EH12K
S3 1Ni ¼Mo	S3 Ni Mo	EF1

Typical Wire Analysis (wt%)

	C	Si	Mn	S	P	Ni	Mo
S3 Si	0.11	0.30	1.72	0.006	0.005	-	-
S3 1Ni ¼Mo	0.12	0.20	1.75	0.005	0.009	0.79	0.55

Mechanical Properties

Dependant upon flux wire combination.

Materials

S3 Si	S255N - S500N, P255NH - P500NH, S255NL - S500NL
S3 1Ni ¼Mo	S500QL1

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
----------------------	----------------------------------