

# TECHNICAL DATA SHEET



## Super6 Ni1

-AWS A5.28 ER80S-Ni1  
EN ISO 14341-A- G3Ni1  
EN ISO 636-A- W3Ni1  
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### DESCRIPTION

Super6 Ni1 is a copper coated 1Ni solid wire for low temperature, fine grained and austempering steels. Excellent impact toughness due to the addition of Nickel. Offering good mechanical properties down to -50°C.

Typically used on the building up of cranes, transport, tanks, industrial facilities, equipment in general, pipelines, shipbuilding etc.

### WELDING POSITIONS



PA, PB, PC, PD, PE, PF, PG

### CHEMICAL COMPOSITIONS

C	Si	Mn	P	S
0.090	0.70	1.20	<0,015	<0,015

### MECHANICAL PROPERTIES

Yield strength	600
UTS N/mm <sup>2</sup>	480
Elongation %	26

### AVAILABLE FORMATS

Spool & tube				
Diameter	15kg		Diameter	5.0kg
0.8mm	7317		1.6mm	7389
1.0mm	7318		2.4mm	7390
1.2mm	7319		3..2mm	7391

Shielding Gas	Mig M21	Tig Argon
Current Type	DC+	DC-

While all reasonable efforts have been made to ensure the accuracy of this information, it may change at any time and is only intended as general guidance.

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