

## PRODUCT INFORMATION

### SIFMIG Ni2

EN ISO 14341-A G 50 6 M G2Ni2  
AWS A 5.28 ER80S-Ni2

### DESCRIPTION

A fine-grained, copper-coated low-alloy MIG wire with addition of Nickel for improved performance at low temperatures, where greater toughness is required down to -80°C.

### WELDING POSITIONS



Often used on cryogenic and fine-grain steels in the shipbuilding, offshore, petrochemical and power-generation sectors.

### TYPICAL WELD METAL COMPOSITION

C	0.10 %
Cr	0.08 %
Mn	1.00 %
Ni	2.30 %
Si	0.55 %

### TYPICAL MECHANICAL PROPERTIES

Impact Test (-60°C)	50 J
Tensile Strength	620 N/mm <sup>2</sup>
Yield Strength	530 N/mm <sup>2</sup>
Elongation	26%

### MATERIAL TO BE WELDED

SIFMIG Ni2 is used in applications including the repair of heavy machinery, offshore constructions and components requiring improved abrasion resistance and where good fracture toughness from as-welded joints is needed.

### AVAILABLE FORMATS

SPOOLED WIRE (MIG / GMAW)			
Dia			15kg
1.0mm			WG721015
1.2mm			WG721215

Current :	DC =+
Shielding Gas :	Ar/CO <sub>2</sub>

For further information, contact Weldability | Sif technical support on **0870 330 7757** or email [service@weldability-sif.com](mailto:service@weldability-sif.com)

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