Weldability Sif

PRODUCT INFORMATION

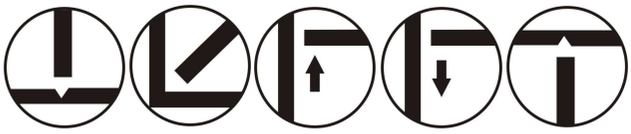
SIFSTEEL A32

EN ISO 21952-A: 2007 W CrMo1Si (1CML)
BS: 2901 A32,
AWS A 5.28: ER80S-B2

DESCRIPTION

A copper coated alloy steel rod containing 1.0% chromium, 0.5% molybdenum. Ideal for creep resistant steels of a similar composition.

WELDING POSITIONS



Low alloy copper-coated tig rod with 1.25% Cr and 0.5% Mo content to be used for the welding of creep-resistant steel.

TYPICAL WELD METAL COMPOSITION

C	0.1 %
Si	0.5 %
Mn	1 %
Cr	1.3 %
Mo	0.5 %

TYPICAL MECHANICAL PROPERTIES

Melting Point	1450℃
Ult Tensile Strength	500 N/mm²
Hardness	180

MATERIAL TO BE WELDED

It is used in the chemical industry and in the ammonia synthesis process, for heat exchangers, boilers, piping and pressure vessels for temperature service up to about 550°C. It will also find applications in the petro-chemical industries, suitable for facing on casting and for casting repairs.

AVAILABLE FORMATS

Dia		5.0kg Ctn
1.0mm		RA321050
1.2mm		RA321250
1.6mm		RA321650
2.4mm		RA322450

For further information, contact Weldability | Sif technical support on **0870 330 7757** or email **service@wholeweld.co.uk**