SIFTIG A32/80S-B2 Alloy TIG Rod

Our SIFTIG A32/80S-B2 Alloy TIG Rod is a copper-coated low-alloy steel rod containing ~ 1.3% chromium and 0.5% molybdenum. It is ideal for creep-resistant steels of a similar composition.

It is used in the chemical industry and the ammonia synthesis process, for heat exchangers, boilers, piping, and pressure vessels for temperature service up to around 550 °C. It also finds applications in the petrochemical industry.

Suitable for facing on castings and for casting repairs.

Positions



For use in all positions.

Current DC=-
Shielding Gas Pure Argon

Typical Weld Metal Composition

Cr	1.3%	Si	0.5%	Mn	0.6%
Mo	0.5%				

Typical Mechanical Properties

Melting Point	1450°C
Ultimate Tensile Strength	500N/mm^2
Hardness	180

Available Formats

Dia.	5kg
1.0mm	RA321050
1.2mm	RA321250
1.6mm	RA321650
2.4mm	RA322450

Standards

EN ISO 21952-A: W CrMo1Si
AWS ER80S-B2
(BS 2901 A32)

CE