

# OK TIGROD S2 (SPL)

## A Cu coated solid rod for GTAW

Classification AWS A5.18: ER70S-2  
EN ISO 636-A: W 38 3 W2Ti

### DESCRIPTION

OK TIGROD S2 (SPL) is a copper coated Mn-Si alloyed solid rod for the GTAW of non-alloyed and micro alloyed steels, used in general construction, pressure vessel fabrication and shipbuilding. OK TIGROD S2 (SPL) contains optimized manganese and silicon to provide good strength and impact toughness at sub-zero temperatures. The alloy meets NACE requirements.

**WELDING CURRENT:** DC-

**SHIELDING GAS:** Ar

## TYPICAL PROPERTIES

Wire Composition (Wt.%)		All Weld Mechanical Properties	
C	0.05	YS (N/mm <sup>2</sup> )	420
Si	0.55	UTS (N/mm <sup>2</sup> )	520
Mn	1.20	Elongation (%)	28
Al	0.13	Impact (CVN)	
Ti	0.08	@ -46°C (Joules)	60
Zr	0.07		

## PACKING DATA

Size (mm)	Length (mm)	Packing (5 Kg.)
1.6	1000	✓
2.0	1000	✓
2.5	1000	✓
3.15	1000	✓

**PACKING:** The rods are packed in tubes weighing 5 kg and four of them in a cardboard box.