

OK TIGROD 13.16

A Cu coated 1.3Cr-0.5Mo alloyed solid rod for GTAW of creep resistant steels

Classification AWS A5.28: ER80S-B2

DESCRIPTION

OK TIGROD 13.16 is a copper coated chromium-molybdenum alloyed (1.3Cr-0.5Mo), solid rod for GTAW of creep resistant steels like SA387 Grade 11, A335 Grade P11 or similar materials. OK TIGROD 13.16 is a high purity wire with a guaranteed Bruscato factor $X < 15$.

APPROVALS: CE

WELDING CURRENT: DC-

SHIELDING GAS: Ar

TYPICAL PROPERTIES

Wire Composition (Wt.%)		All Weld Mechanical Properties	
C	0.08	YS (N/mm ²)	640
Si	0.50	UTS (N/mm ²)	730
Mn	0.60	Elongation (%)	24
Cr	1.30	Impact (CVN)	
Mo	0.50	@ -40°C (Joules)	50
Cu	0.15		

PACKING DATA

Size (mm)	Length (mm)	Packing (5 Kg.)
1.6	1000	✓
2.0	1000	✓
2.4	1000	✓
3.2	1000	✓

PACKING: The rods are packed in tubes weighing 5 kg.