

OK TIGROD 5556A

A Mg-Mn alloyed aluminium solid rod for GTAW

Classification AWS A5.10: R5556

DESCRIPTION

OK TIGROD 5556A is a solid rod suitable for welding of aluminium alloys (approx. up to 5% Mg) that are not age hardenable and alloys where a high tensile strength is required. The corrosion resistance in a marine atmosphere is very good.

APPROVALS: VdTÜV

WELDING CURRENT: AC

SHIELDING GAS: Ar or He or Ar/He

TYPICAL PROPERTIES

Wire Composition (Wt.%)		All Weld Mechanical Properties	
Si	<0.25	YS (N/mm ²)	145
Mn	0.80	UTS (N/mm ²)	295
Cr	0.13	Elongation (%)	25
Cu	<0.10	Impact (CVN)	
Ti	0.13	@ +20°C (Joules)	25
Zn	<0.20		
Fe	<0.40		
Mg	5.30		

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.