GeKa

Al 99.5 TIG

Standards :

TS 6204 EN ISO 18273	:	S Al 1100 (Al 99.0 Cu)
EN ISO 18273	:	S Al 1100 (Al 99.0 Cu)
DIN 1732	:	SG-Al 99.5Ti
AWS A5.10	:	~ER 1100

Chemical Composition of Welding Rod % (Typical) :

Al
min. 99.5

Mechanical Properties :

Density (kg/dm³)	Yield Strength (N/mm²)	Tensile Strength (N/mm²)	Elongation (L_o=5d_o)(%)	Melting Range (°C)	Electrical Conductivity (Sm/mm²)
2.7	min. 40	min. 70	30	658 - 674	35

Features and Applications :

* Al99.5 TIG is pure aluminum welding TIG rod.
* It is used for joining of aluminum alloys required high electrical conductivity.
* It is recommended that preheating to 200 °C before welding of plates thicker than 15mm.
* For gas welding, GeKaTec F-LH1 is recommended.
* Shielding gas : Ar

Welding Method :

TIG Welding - Gas Welding

Current Type	MIG Wire	Electrode
TIG D.C.(-)	GeKa Al99.5	GeKaTec Aluweld 99Al

Welding Positions :

Operating Data :

Diameter x Length (mm)	Diameter x Length (inch)	Package Weight (Kg)
2.0 x 1000	5/64 x 39"	5
2.4 x 1000	3/32 x 39"	5
3.2 x 1000	1/8 x 39"	5
4.0 x 1000	5/32 x 39"	5

Approvals :

GOST-R, SEPRO