

Standards :

TS 6204 EN ISO 18273	: S AI 4043 (AISI5)
EN ISO 18273	: S AI 4043 (AISI5)
TS EN ISO 17672	: AI 105
EN ISO 17672	: AI 105
AWS A5.10	: ER 4043

**Chemical Composition of Welding Rod
% (Typical) :**

Al	Si	Mn	Fe
rest	5.0	max. 0.2	max. 0.4

Mechanical Properties :

Density (kg/dm ³)	Yield Strength (N/mm ²)	Tensile Strength (N/mm ²)	Elongation (L ₀ =5d ₀)(%)	Melting Range (°C)
2.7	100	160	15	573 -625

Features and Applications :

- * AISI5 is aluminum TIG rod with high content of silicon.
- * It is used for joining and filling of aluminum silicon cast alloys including up to 7% silicon.
- * It is recommended that preheating to 150°C before welding of plates thicker than 15 mm.
- * 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 AISI 5	GeKaTec Aluweld Si

Welding Positions :



Operating Data :

Diameter x Length (mm)	Diameter x Length (inch)	Package Weight (Kg)
1.6 x 1000	1/16 x 39"	5
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