

Standards

TS EN 14700	: T Fe8
EN 14700	: T Fe8
DIN 8555	: TIG 6-GF-55-T

Chemical Composition of Welding Wire % (Typical)

C	Si	Mn	Cr	Mo
0.55	0.7	1.0	7.0	2.0

Mechanical Properties

Hardness (as welded) (HRC)
53 -56

Features and Applications

- It is hardfacing TIG wire which has high abrasion resistance and keep hardness at high temperatures
- Application range is cold and hot work tool steels which are used in machine parts, cold and hot cutting blades, extrusion dies, rollers, steel caslings, moulds, tools and metal-to-metal friction applications
- Weld metal is machinable by grinding
- It is recommended that pre-heating at 400°C before welding and very slow cooling after welding
- If necessary, it is recommended the stress relief annealing at 550°C after welding
- Shielding Gas: Argon

Resistance Type and Level

Friction ■■■■■	High Temp. ■□□□	Corrosive ■■■□□	Machining ■■■□□
Impact ■■■■■	Thermo Shock ■□□□	Crack Resistance ■■■■■	

Current Type

TIG D.C. (-)

Operating Data

Product Code	Diameter x Length (mm) / (inch)	Package Weight (Kg)	Package Type
303060001	2.40 x 1000 / 3/32 x 39"	5	Carton Box

Approvals: SEPRO