Product Name:ER 1070| Al99.7

Product description

ER1070 is a kind of pure aluminium welding wire with the aluminium more than 99.7% .

WIRE COMPOSITION (%)

	Al	Si+Fe	Cu	Mn	Zn	BE
Requirments-ER1070	99.70	<0.2	<0.04	<0.03	<0.04	<0.0003
Typical Results	99.82	0.06	0.005	0.001	0.001	0

Mechanical properties

Welding consumables	Y.S (MPa)	T.S (MPa)	El. (%)	Melting point (℃)	Anodizing color
ER1070	124-224	275-330	12-16	579-582	White

Key Features:

- Pure aluminum welding wire for MIG and TIG welding
- Good color-match after anodic process
- Good anti-corrosiveness
- Well electrical conductivity

Application:

- Buss bars
- Electrical boxes
- Heat exchangers
- Metallizing
- Electrical, chemical, construction and food industry
- Low strength corrosion resistant vessels and tanks

Shielding Gas:

- 100% Argon
- Argon/Helium mixture

Conformance:

- ISO 1B273: S Al 1070 (Al99.7)
- SFA/AWS A5.10/A5.10M: ER1070

Diameters/Packing

Type	Diameters(mm)	Package	Weight(kg)
MIG wire	0.9mm, 1.0mm, 1.2mm, 1.6mm	D300mm Plastic Spool/Steel Spool	7
		D270mm Plastic Spool	7
	0.9mm, 1.0mm, 1.2mm	D200mm Plastic Spool	2
		D100mm Plastic Spool	0.5
TIG rod	1.6mm, 2.0mm, 2.4mm, 3.0mm, 3.2mm, 4.0mm, 5.0mm, 6.0mm	Length:1000mm Carton or plastic tube	5
			10
			20