

## Characteristics and Applications:

KT70-3 Gasungsten arc welding rod and wire for 490MPa high tensile steel, suitable for the sheet plate welding of machinery, building, ships and vehicle.

KT70-3 is a wire for TIG welding with pure Ar gas.

All position welding and steel sheet welding can be performed quite easily.

Welding Position: H / VU / F / OH

## Typical Chemical Composition of All-Weld Metal:

Alloy wt%	C	Si	Mn	P	S	Ni	Cr	Mo	Cu
	0.078	0.67	1.09	0.005	0.004	0.01	0.01	0.01	0.01

## Mechanical Properties of All-Weld Metal:

Mechanical properties	Yield Strength (Mpa)	Tensile Strength (Mpa)	Elongation (%)	CVN(J/°C)
KT70-3	435	525	29	265/-50

## Notes on Usage:

1. Polarity : DC-
2. Shielding Gas : Ar