



ENAR WELD BRAZE PVT. LTD

A-112, DDA INDUSTRIAL SHEDS,
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KISWEL KX-706M

Classifications:

EN ISO 17632-A: 2008: T46 2 M M 4 H5
EN ISO 17632-B: 2008: T49 3 T15-0MA H5
AWS A5.18-07: E70C-6M

KS D 7104: YFW-A502M
JIS Z 3313: T49 3 T15-0MA H5

Typical Chemistry Composition of Weld Deposit:

Shielding Gas	C	Si	Mn	P	S
Ar + 20% CO ₂	<0.12	<0.90	<1.75	<0.03	<0.03

Description:

- It is designed for welding of 490MPa high tensile steel with outstanding mechanical properties.
- Typical applications include machineries, shipbuilding, offshore structures, bridges and general fabrications.
- Wire is a metal type of flux cored wire for flat and horizontal position welding.
- It has better CVN toughness at low temperatures when compared to the KX-706M.
- It feature good penetration, high resistance to porosity, good wetting behaviour as well as low hydrogen contents.
- KX-706M is intended for semi-automatic, automatic, single- and multiple pass welding.

Typical Mechanical Properties:

Yield Strength (Mpa)	Tensile Strength (Mpa)	Elongation (%)
min. 400	Min. 480	min. 22