

TIGO[®] 111V

PREMIUM WELDING WIRES

All position high strength flux cored welding wire for welding high strength-low alloy fine grained steels such as weldox 700, HY-80, HY-90 etc. General fabrication of high strength steels of crane industry, earthmoving equipment, oil refiners drill rigs.

GRADE	AWS A5.29 E111T1-K3C
PROPERTIES	<ul style="list-style-type: none">• Provides excellent usability with stable arc, less spatter and high deposition.• Titania type flux cored gives weld deposits Ni:1.25-2.60%, Mo:0.25-0.50%• Slag removal is excellent.

TYPICAL ANALYSIS OF ALL-WELD METAL %

C %	Si %	Mn %	P %	Ni %	Mo %
0.05- 0.12	≤0.80	0.75-2.25%	≤0.030	1.25-2.60%	0.25- 0.50

TYPICAL ANALYSIS OF ALL-WELD METAL %

Tensile Strength MPa	Yield Strength MPa	Elongation %	Hardness HRC
700	800	16	---

WELDING PARAMETERS

Polarity	Shielding Gas	Amps A	Voltage V
DC+	100% Co2	150-240	24-32

PACKING

Wire Dia in MM.	Packing per spool
1.20	15 Kgs



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