

TIGO[®] 91B3

PREMIUM WELDING WIRES

All position gas shielding flux cored welding wire for welding of steel having chemistry 2.25%Cr-1.0%Mo. Moreover, can be used for the fabrication of oil industry equipment, high temperature synthetic chemical industries' equipment.

GRADE	AWS A5.29 E91T1-B3C
PROPERTIES	<ul style="list-style-type: none">• Provides excellent usability with stable arc, less spatter and high deposition.• Titania type flux cored containing Cr: 2.00-2.50%, Mo:0.9-1.20%• Slag removal is excellent.

TYPICAL ANALYSIS OF ALL-WELD METAL %

C %	Si %	Mn %	P %	Cr %	Mo %
0.05- 0.12	≤0.80	≤1.25	≤0.030	2.00-2.50%	0.90- 1.20

TYPICAL ANALYSIS OF ALL-WELD METAL %

Tensile Strength MPa	Yield Strength MPa	Elongation %	Hardness HRC
640	---	21	---

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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