

# STRONG FCAW E81T1-W2C

CLASSIFICATION: AWS SFA 5.29 E81T1-W2C

LOW ALLOY FLUX CORED ARC WELDING WIRE



## CHARACTERISTICS

STRONG FCAW E81T1-W2C is a rutile type all position low alloy gas shielded flux cored welding wire for welding of high strength weather resistant grade steels. This wire gives smooth weld bead, minimal spatter, low fumes, easy slag removal and radiographic quality weld metal when used with 100% CO2 shielding gas.

## APPLICATIONS

STRONG FCAW E81T1-B2C is designed for all position single and multi-pass welding of weathering steel grades A/B, Class 1 steels of type A of SA-533, etc.

Suitable for welding application in steam production plants, boiler plants, general fabrications etc.

## TYPICAL WELD METAL CHEMISTRY (%)

C	Mn	Si	P	S	Cr	Ni	Cu
≤0.12	0.50- 1.30	0.20- 0.80	0.030 MAX	0.030 MAX	0.45- 0.75	0.30- 0.80	0.30- 0.75

## ALL WELD MECHANICAL PROPERTIES

Required as per AWS 5.29	Y.S. MPa	U.T.S. MPa	ELONGATION %	IMPACT VALUE AT -40°C JOULE
Typical	540	620	28	83

## PACKAGING SPECIFICATIONS - FCAW

DIA SIZE 1.20MM / 1.60MM

SPOOL WEIGHT 15KGS