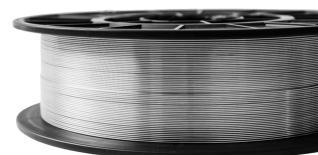


STRONG FCAW E81T1-Ni1C

CLASSIFICATION: AWS SFA 5.29 E81T1-Ni1C

LOW ALLOY FLUX CORED ARC WELDING WIRE



CHARACTERISTICS

STRONG FCAW E81T1-Ni1C is a rutile type all position low alloy (1.00% Ni) gas shielded flux cored welding wire that gives smooth weld bead, minimal spatter, low fumes, easy slag removal and radiographic quality weld metal.

This wire is suitable for low temperatures and gives excellent impact properties at -30°C.

APPLICATIONS

STRONG FCAW E81T1-Ni1C is designed for all position single and multi-pass welding of high tensile steel 1.00% Ni steel and ASTM A203, A532 Grades LC1 and LC2, A575, A734 as well as other steels containing 1% to 2.5% Nickel.

Suitable for welding application in Offshore application, Bridges, Refineries, power plants, pressure vessels and heat exchangers, and Storage tanks for low temperatures.

TYPICAL WELD METAL CHEMISTRY (%)

C	Mn	Si	P	S	Ni	Mo
0.12 max	1.50 max	0.80 MAX	0.025 MAX	0.025 MAX	0.80-1.10	0.35 max

ALL WELD MECHANICAL PROPERTIES

Required as per AWS 5.29	Y.S. MPa	U.T.S. MPa	ELONGATION %	IMPACT VALUE AT -30°C JOULE
Typical	525	625	28	105

PACKAGING SPECIFICATIONS - FCAW

DIA SIZE 1.20MM / 1.60MM

SPOOL WEIGHT 15KGS