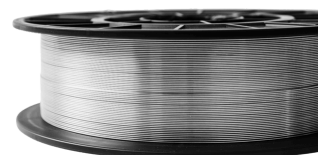


STRONG FCAW E81T1-GC

CLASSIFICATION: AWS SFA 5.29 E81T1-GC

LOW ALLOY FLUX CORED ARC WELDING WIRE



CHARACTERISTICS

STRONG FCAW E81T1-GC is a rutile type all position low alloy (Cr-Ni-Cu) 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 high tensile welding of high strength and low alloy steels.

APPLICATIONS

STRONG FCAW E81T1-GC is designed for all position single and multi-pass welding of 520MPa high tensile steel with outstanding mechanical properties.

Typical applications include machinery manufacturing, shipbuilding, offshore structures, bridges and general fabrications.

TYPICAL WELD METAL CHEMISTRY (%)

C	Mn	Si	P	S	Cr	Ni	Cu
0.055	1.15	0.50	0.015	0.011	0.45	0.55	0.40

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	535	610	28	80

PACKAGING SPECIFICATIONS - FCAW

DIA SIZE 1.20MM / 1.60MM

SPOOL WEIGHT 15KGS