

KT-410

Classification

AWS A 5.1/A5.1M	E6010/E4310
JIS Z3211	E4310
EN ISO 2560-A	E35 0 C 2 1
GB T5117	E4310

Coating Type: High Cellulose

Applications and Features

- (1) KT-410 is a high cellulose type DC electrode for mild steel.
- (2) Excellent X-ray quality welds and good root pass operability.
- (3) Fast-freezing slag, light slag, easy slag removal, and deep penetration.
- (4) No slag inclusion and good porosity resistance when base metal with rust, oil and zinc primer.
- (5) Ideal for welding pipeline, shipbuilding, oil tank, and boiler.

Welding Position



Welding Instruction

Please see Appendix A

Typical Weld Metal Composition (wt%)

C	Si	Mn	P	S
0.09	0.17	0.29	0.020	0.005

Typical Weld Metal Mechanical Properties

Tensile strength	Yield strength	Elongation	Charpy V-Notch	
N/mm ²	N/mm ²	%	°C	J
471	393	26	-30	50

Available Sizes and Welding Parameters (DC+)

Diameter (mm)		3.2	4.0	5.0
Current (A)	F/HF	70~110	80~140	160~210
	V-up/OH	60~90	80~110	-