

KT-403

Classification

AWS A 5.1/A5.1M	-
JIS Z3211	E4303
EN ISO 2560-A	E35 2 RB 1 2
GB T5117	E4303

Coating Type: Lime Titania

Applications and Features

- (1) KT-403 is a lime titania type electrode for mild steel.
- (2) High current available, good crack resistance and superior mechanical properties.
- (3) Easy strike and re-strike, stable arc, low spatter, good weld puddle fluidity, easy slag removal, deep penetration, and good bead appearance.
- (4) Ideal for tack welding and welding of light steel structure, automotive, and building structures.

Welding Position



Welding Instruction

Please see Appendix A

Typical Weld Metal Composition (wt%)

C	Si	Mn	P	S
0.09	0.25	0.63	0.021	0.006

Typical Weld Metal Mechanical Properties

Tensile strength	Yield strength	Elongation	Charpy V-Notch	
N/mm ²	N/mm ²	%	°C	J
484	434	29	0	95
			-20	68

Available Sizes and Welding Parameters (AC/DC±)

Diameter (mm)		2.6	3.2	4.0	5.0	6.0
Current (A)	F/HF	70~110	110~150	130~190	170~240	230~300
	V-up/OH	40~70	60~120	110~160	-	-