

Stick Electrode for Mild Steel

KT-26

Classification

AWS A5.1/A5.1M	-
JIS Z3211	E4340
EN ISO 2560-A	E 35 0 RA 1 2
GB T5117	-

Coating Type: Special type

Applications and Features

- (1) KT-26 is an electrode combining the characteristics of ilmenite and lime titania types.
- (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 welding steel frame structures.

Welding Position



Welding Instruction

Please see Appendix A

Typical Weld Metal Composition (wt%)

C	Si	Mn	P	S
0.07	0.48	0.72	0.020	0.009

Typical Weld Metal Mechanical Properties

Tensile strength	Yield strength	Elongation	Charpy V-Notch	
N/mm ²	N/mm ²	%	°C	(J)
540	480	30	0	74

Available Sizes and Welding Parameters (AC/DC±)

Diameter (mm)		3.2	4.0	5.0	6.0
Current (A)	F/HF	80~120	120~170	170~240	230~300
	V-up/OH	60~110	110~160	-	-