

OK AUTROD 13.12L

A 1% Cr, 0.5% Mo wire for SAW



DESCRIPTION

OK AUTROD 13.12L is copper coated, low-alloyed 1% Cr, 0.5% Mo wire for SAW of creep resistant and other low-alloyed high strength steels.

TYPICAL APPLICATIONS

OK AUTROD 13.12L is specially used to the welding of 1 Cr, 0.5 Mo and similar creep resistant steels which find extensive use in high temperature components of power plants, boilers, oil-refineries, petrochemical plants, boilers etc. Steels of the type ASTM A 182-F2, F11, F12; A387-2, 11, 12; A213-T2, T11, T12; A335-P2, P11, P12 and German steels 13 Cr Mo 44, 15 Cr Mo 5 etc. The weldmetal is resistant to scaling up to 550°C.

TYPICAL WIRE COMPOSITION (%)

C	Mn	Si	Cr	Mo	Cu	S	P
0.09	0.98	0.65	1.15	0.49	0.17	0.009	0.009

TYPICAL WELDMETAL COMPOSITION WITH DIFFERENT FLUXES

Chemical Composition (%)						Mechanical Properties				
OK Autrod 13.12 L OK Flux	C	Cr	Mo	Mn	Si	Yield Stress N/mm ²	Tensile N/mm ²	El. (%)	Impacts values	
	J	Temp (°C)								
10.61L	0.08	1.05	0.45	0.75	0.20	520	650	22	65	RT

PACKING DATA

Size (mm)	Packing 25 Kg
2.50	✓
3.15	✓

PACKING: The wires are packed in corrugated cardboard boxes.