

# OK AUTROD 13.09L



## A 0.5% Mo wire for SAW



### DESCRIPTION

OK AUTROD 13.09L is copper coated, low-alloyed 0.5% Mo Wire for SAW of low-alloy and creep resistant steels used for pipes in pressure vessels and boilers with a working temperature of about 500°C. It can also be used for other high strength low-alloy steels.

### TYPICAL APPLICATIONS

OK AUTROD 13.09L is especially designed for the welding of HSLA steels. It is extensively used in high temperature pipelines; boiler tubes and plates where high creep resistance is a pre-requisite.

### TYPICAL WIRE COMPOSITION (%)

C	Mn	Si	Cr	Ni	Mo	Cu	S	P
0.08	1.05	0.60	0.03	0.03	0.50	0.17	0.009	0.008

### TYPICAL WELDMETAL COMPOSITION WITH DIFFERENT FLUXES

Chemical Composition (%)					Mechanical Properties				
OK Autrod 13.09 L OK Flux	C	Mo	Mn	Si	Yield Stress N/mm <sup>2</sup>	Tensile N/mm <sup>2</sup>	El. (%)	Impacts values	
								J	Temp (°C)
10.61L	0.075	0.45	1.0	0.45	500	600	24	75	RT

### PACKING DATA

Size (mm)	Packing 25 Kg
2.50	✓
3.15	✓

PACKING: The wires are packed in corrugated cardboard boxes.