

OK Autrod 316LMn

A continuous solid corrosion resisting non-magnetic chromium-nickel-molybdenum wire for welding of stabilized and non-stabilized austenitic alloys of the same type as well as non magnetic steels. OK Autrod 316LMn can be used in combination with OK Flux 10.93 and OK Flux 10.99. The alloy is corrosion resistant in seawater environment at temperatures below 350 °C and has very good corrosion resistance to acids such as nitric acid. Excellent impact properties can be met at low temperatures.

Specifications

Classifications

EN ISO 14343-A : S 20 16 3 Mn N L
SFA/AWS A5.9 : ER316LMn

Alloy Type

Fully austenitic (7 % Mn - 20 % Cr - 16 % Ni - 3 % Mo - N)

Typical Wire Composition %

C	Mn	Si	Ni	Cr	Mo	N
0.01	6.9	0.4	15.9	19.9	3.0	0.18