

# OK Tigrod 317L

GTAW  
ER317L

## Description

Bare, corrosion-resistant, chromium-nickel-molybdenum welding rods for welding austenitic stainless alloys of the 19% Cr, 9% Ni, 3% Mo types. OK Tigrod 317L has good resistance to general corrosion and pitting due to its high content of molybdenum. The alloy has a low carbon content which makes it particularly recommended when there is a risk of intergranular corrosion. The alloy is used in severe corrosion conditions such as in the petrochemical, pulp and paper industries.

## Welding current

DC(-)

## Classifications

SFA/AWS A5.9	ER317L
EN 12072	W 18 15 3 L

## Wire composition

C	Si	Mn	Cr	Ni	Mo	Cu
<0.03	0.5	1.8	19.3	14.0	3.5	<0.3

## Typical mech. properties all weld metal

Yield stress, MPa	390
Tensile strength, MPa	600
Elongation, %	45

## Charpy V

Test temps, °C	Impact values, J
+20	80

## Packing data

Diameter, mm	Length, mm	Weight of rods/ box, kg
1.6	1000	5.0
2.0	1000	5.0
2.4	1000	5.0
3.2	1000	5.0