

OK Tigrod 309MoL

Bare corrosion resisting rod of "309LMo" type . OK Tigrod 309MoL is used for overlay welding of unalloyed and low alloyed steels and for welding of dissimilar steels such as 316L to unalloyed and low alloyed steels when Mo is essential.

Specifications

Classifications	EN ISO 14343-A : W 23 12 2 L SFA/AWS A5.9 : ER309LMo (mod)
Approvals	CE : EN 13479 DNV-GL : 1.6-3.2mm

Approvals are based on factory location. Please contact ESAB for more information.

Alloy Type	Austenitic (with approx. 8% ferrite) "309LMo", 22 % Cr - 15 % Ni - 3 % Mo - Low C
Shielding Gas	I1 (EN ISO 14175)

Typical Tensile Properties

Conditional Statement	Yield Strength	Tensile Strength	Elongation
As welded	500 MPa (72.5 ksi)	610 MPa (88.5 ksi)	30 %

Typical Charpy V-Notch Properties

Testing Temperature	Impact Value
20 °C (68 °F)	130 J (96 ft-lb)
-60 °C (-76 °F)	65 J (48 ft-lb)

Typical Wire Composition %

C	Mn	Si	Ni	Cr	Mo
0.01	1.5	0.4	14.6	21.4	2.5