

OK Tigrod 309MoL

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

Classifications Wire Electrode:	SFA/AWS A5.9:ER309LMo (mod), EN ISO 14343-A:W 23 12 2 L
Approvals:	DNV 309MoL

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
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Typical Tensile Properties

Condition	Yield Strength	Tensile Strength	Elongation
As welded	500 MPa	610 MPa	30 %

Typical Charpy V-Notch Properties

Condition	Testing Temperature	Impact Value
As welded	20 °C	130 J
As welded	-60 °C	65 J

Typical Wire Composition %

C	Mn	Si	Ni	Cr	Mo	Cu
0.01	1.5	0.4	14.6	21.4	2.5	0.12