

OK TIGROD 16.54

OK TIGROD 16.54 is a corrosion resistant, chromium-nickel-molybdenum alloyed solid rod for welding dissimilar steels, such as 316L to unalloyed and low-alloyed steels and for overlay welding of unalloyed and low-alloyed steels when Mo is essential.

Specifications

Classifications	SFA/AWS A5.9 : ER309LMo (Nearest)
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Alloy Type	Austenitic Cr-Ni-Mo
Shielding Gas	I1 (EN ISO 14175)

Typical Tensile Properties

Condition	Yield Strength	Tensile Strength	Elongation
As Welded	400 MPa	600 MPa	34 %

Typical Charpy V-Notch Properties

Condition	Testing Temperature	Impact Value
As Welded	20 °C	100 J

Typical Wire Composition %

C	Mn	Si	Ni	Cr	Mo
0.02	1.50	0.45	14.50	21.50	2.50