

OK Tigrod 310

Bare, corrosion-resistant, chromium-nickel welding rod for welding heat-resistant austenitic steels of the 25Cr-20Ni type. The wire has a high Cr content and provides good oxidation resistance at high temperatures. Common applications include industrial furnaces and boiler parts, as well as heat exchangers.

Classifications Wire Electrode:	SFA/AWS A5.9:ER310, EN ISO 14343-A:W 25 20
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Alloy Type:	Fully austenitic (25 % Cr - 20 % Ni)
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Typical Tensile Properties

Condition	Yield Strength	Tensile Strength	Elongation
As welded	390 MPa	590 MPa	43 %

Typical Charpy V-Notch Properties

Condition	Testing Temperature	Impact Value
As welded	20 °C	175 J
As welded	-196 °C	60 J

Typical Wire Composition %

C	Mn	Si	Ni	Cr	Mo	Cu
0.10	1.6	0.4	20.7	25.8	0.10	0.05