



# Product Data Sheet

W 'Tungsten inert gas arc welding'

# OK Tigrod 430LNbTi

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## REASON FOR ISSUE

New product

## GENERAL

A ferritic stainless solid wire with low carbon content and excellent welding properties, 18 % Cr and stabilized with Nb and Ti, for welding similar and matching steels. OK Tigrod 430LNbTi is developed and designed for the Automotive industry and used for production of exhaust systems. The wire should be used when there is a need for very good resistance to corrosion and thermal fatigue.

**Shielding Gas:** I1 (EN ISO 14175)

**Alloy Type:** 18 % Cr - Nb stabilized

## CLASSIFICATIONS Wire Electrode

EN ISO 14343-A G Z 18 L Nb Ti  
Werkstoffnummer ~1.4509

## APPROVALS

Not applicable

## CHEMICAL COMPOSITION

	Wire/Strip (%)	
	Min	Max
C		0.025
Si	0.50	0.80
Mn	0.35	0.65
P		0.030
S		0.020
Cr	17.8	18.8
Ni		0.30
Mo		0.30
Nb		0.55
Cu		0.30
Ti	0.15	0.40
N		0.02

Comments:  
Nb: Min 0,05+7x(C+N)