



TIG FICO414

Specification

GE B50 A 823

AFNOR : KC29NW

Description & Applications

Cobalt base solid rod for TIG hardfacing of jet engine or turbine parts. Excellent resistance to corrosion and high temperature.

Main applications: Aeronautical industry.

Typical Chemical Composition (%)

	C	Si	Mn	Cr	Ni	Fe	W
Min	0.10	0.50	0.40	28.5	9.5		6.5
Max	0.15	1.00	1.00	30.5	11.5	1.00	7.6
Type	0.12	0.80	0.90	29.0	10.2	0.1	7.0

	Cu	Zr	P	S	B	Co
Min						
Max	0.15	0.02	0.01	0.008	0.003	Rem.
Type	0.01	0.005	0.005	0.002	0.002	Rem.

All Weld Metal Mechanical Properties

Hardness (as welded)

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Welding Current & Instructions

Welding mode	Shielding Gas
TIG = -	ISO 14175 : I1 (Ar) 6-12 L/min

FT En-TC05-170717

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