

## CEWELD NiCrBSi 6 Tig (Colmonoy 6)



TYPE Nickel based Tig filler metal for hardfacing and overlay applications.

TOEPASSINGEN NiCrBSi 6 TIG offers outstanding metallurgical and physical properties making them ideally suited

to solving wear mechanisms such as abrasion, erosion, corrosion and high-temperatures

encountered in service.

EIGENSCHAPPEN This nickel based alloy offers superior wear protection, retaining its hardness up to 600°C (1000°F)

with significant resistance to oxidation.

CLASSIFICATIE AWS A 5.21: ERNiCr-C

GESCHIKT VOOR Aircraft gas turbines, steam turbine powerplants, turbochargers and valves in reciprocating

engines, prosthetic devices, heat treating equipment, pollution control equipment, coal gasification

and liquefaction systems, and components in pulp and paper mills.

GOEDKEURINGEN

LASPOSITIES



TYPICAL CHEMICAL
ANALYSIS OF THE FILLER

METAL (%)

С	Ni	Cr	В	Si	Fe
0.7	Rem.	14	3	4.25	4

MECHANISCHE WAARDEN

Heat	R <sub>P0,2</sub>	Rm	A5	Hardness
Treatment	(MPa)	(MPa)	(%)	
As Welded				55.5 HRc

HERDROGEN Not required

GAS ACC. EN ISO 14175