



TYPE

APPLICATIONS

PROPRIÉTÉS

CLASSIFICATION

CONVIENT POUR

AGRÉMENTS

POSITIONS DE SOUDAGE

ANALYSE CHIMIQUE
TYPIQUE DU MÉTAL DE
SOUDURE (%)

PROPRIÉTÉS MÉCANIQUES

ETUVAGE

GAS ACC. EN ISO 14175

Hardfacing electrode with a tubular core wire containing C-Cr-Co-Zr-Al-WC2 carbides.

This electrode offers a extreme recovery and can be used for overlays with extremely abrasive wear resistance, but with low impact. 3 layers should be considered as maximum.

Due to the complex carbide combination of Cobalt, Chromium, Aluminium, Zirconium and a extreme high Tungsten content the wear resistance against abrasion is 4 till 8 times better in comparison with C-Cr. alloys. Hard facing knowledge is based on practical experience and years of testing many different procedures and alloys. For your typical application we recommend to consult us for a tailor made welding procedure in order to achieve the best possible results for each job.

EN ISO14700: E Fe20

Sinter plant parts, Swing hammers, Drilling surfaces, Stone crushers, Fan blades, Coke pusher shoes and crushers segments, Shovel, Cement mill parts, Earthmoving equipment, etc.

PA

PB

Cr	Fe			W
12	Rem.			52

Heat Treatment	R _{P0,2} (MPa)	R _m (MPa)	A5 (%)	Hardness
As Welded				65 HRc

Not required