CEWELD E DUR CE-Tube WC2

certilas® THE FILLER METAL SPECIALIST

TYPE

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

APPLICATIONS

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 considdered as maximum.

PROPERTIES

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

CLASSIFICATION

EN ISO 14700: E Fe20

SUITABLE FOR

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

APPROVALS

No Approvals Found

WELDING POSITIONS

TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)

Cr	Fe	W
12	Rem.	52

ALL WELD MECHANICAL PROPERTIES

Heat Treatment	$R_{P0,2}$ MPa	Rm MPa	A5 (%)	Impact Energy (J) ISO-V RT	Hardness Rockwell C
As Welded /					Avg. 65

REDRYING TEMPERATURE

Not required

GAS ACCORDING EN 14175