CEWELD AA DUR 800

certilas® THE FILLER METAL SPECIALIST

TYPE	High Molybdenium Cobalt based fluxcored wire for overlay welding against high temperature wear, thermal shock and erosion.
APPLICATIONS	Metal forming, high temperatures, punching dies seamless pipe manufacturing, mechanical seals, valve seats and trims.
PROPERTIES	Excellent gliding properties against metal to metal wear due to its low friction, Excellent against erosion, corrosion and galling. The alloy is high temperature resistant up to 1000°C and can resist severe shock and impact at these temperatures.

CLASSIFICATION

AWS	A 5.21: ERCoCr-A
EN ISO	14700: ~E Co1

SUITABLE FOR: Cladding seats and valves in extreme high temperaure engines, hot sharing blades, hot punching dies, extrusion parts

APPROVALS

WELDING POSITIONS

TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)

C	Si	Cr	Ni	Mo	Fe	Co
0.03	0.3	17	2.4	22	3	Rem.

MECHANICAL PROPERTIES

Heat Treatment	$R_{P0,2}$ (MPa)	Rm (MPa)	A5 (%)	Hardness
As Welded				55 HRc

REDRYING: Not required

GAS ACC. EN ISO 14175: M13

CEWELD AA DUR 800

AA DUR 800 1,6MM

Packaging	KG/unit	EanCode
BS-300	15	8720663424532