CEWELD OA 59

certilas® THE FILLER METAL SPECIALIST

TYPE	Fluxcored hardfacing welding wire based on high Carbon, Chrome and Niobium
APPLICATIONS	Cladding and rebuilding parts that are subject to severe abrasion.
PROPERTIES	Extreme abrasion resistant with reasonable impact properties and temperature resistance up to 300°C. Due to the combination Cr and Nb carbides the deposit structure contains very fine particles that results in excellent wear resistance against heavy abrasion. Usualy the maximum number of layers is 2 till 3 but when using a special stringer build up technick with release cracks, upto 15 layers is also possible.
CLASSIFICATION	EN ISO 14700: T Fe15 DIN 8555: MF 10-GF-60-G
SUITABLE FOR	Sand and earth moving equipment such as buckets and teeth, dredge buckets, coke hammers, crushing equipment, rockwool rolls and brick industry, cement rollers, tables, Nihard and Mohard parts without buffer layer, slurry pumps, loaders, wear plates etc. Equivalent in SMAW: CEWELD® Dur 62S, Dur 63Nb
APPROVALS	
WELDING POSITIONS	

TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)

C	Si	Mn	Cr	Nb	Fe
5	1	0.4	22	7	Rem.

MECHANICAL PROPERTIES

Heat Treatment	$R_{P0,2}$ (MPa)	Rm (MPa)	A5 (%)	Hardness
As Welded				62 HRc

REDRYING 140°C / 24 hr

GAS ACC. EN ISO 14175

CEWELD OA 59

OA 59 1,2MM

Packaging	KG/unit	EanCode
BS-300	15	8720663403339

OA 59 1,6MM

Packaging	KG/unit	EanCode
BS-300	15	8720663403506

OA 59 2,4MM

Packaging	KG/unit	EanCode
Drum	250	8720663403537
K-415	17	8720663403513

OA 59 2,8MM

Packaging	KG/unit	EanCode
BS-300	15	8720663403544