CORODUR® 64

CLASSIFICATION:

DIN EN 14700	DIN 8555
T Fe16	MF 10-65-GZ

GENERAL CHARACTERISTICS:

CORODUR 64 is a highly C- Cr- B- W- V- alloyed flux-cored wire electrode that deposits a very hard martensitic micro structure with carbides. The deposit is resistant to strong mineral abrasion also at higher temperatures. This wire can be used for one layer welding without a big decrease of hardness. The decrease of hardness is approx. 10% at 400 °C and approx. 25% at 600 °C.

APPLICATION:

Cement, mineral and brick industry, steel industry, refuse-incinerator plants, composting plants, mineral crushing, paddle wheels

TYPICAL ALL WELD METAL ANALYSIS (%):

C	Si	Mn	Cr	V	W	B
4,5	1,0	1,6	24,0	0,8	0,8	1,0

TYPICAL ALL WELD METAL MECHANICAL PROPERTIES:

Hardness: 63 - 65 HRc
(1. layer app. 60 HRc)

PARAMETER:

Diameter	Voltage	Amps
1,2	20 - 24	160 - 240
1,6	20 - 26	180 - 300
2,0	22 - 26	220 - 320
2,4	24 - 27	280 - 340
2,8	25 - 28	320 - 400

FORMS OF DELIVERY:

Coil "BS 300" = 15 kg	Coil "BS 450" = 25 kg	Drums = 300 kg

OA = gasless

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