

CORODUR[®] 65

CLASSIFICATION:

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

GENERAL CHARACTERISTICS:

CORODUR 65 is a highly C- Cr- Mo- Nb- W- V- alloyed flux-cored wire electrode, which forms extremely hard carbides. This is used for hardfacing to extremely strong abrasive mineral wear. The deposit retains its wear resistance up to 800°C. The structure consists of primarily and eutectic solidifying Cr- carbides plus Nb- Mo- W- V- carbides.

The hardness reduction at a temperature of 400°C is approximately 4% and at 700°C approximately 10 %. This wire is recommended for use in sintering plants, augers and blast furnace bells.

APPLICATION:

parts in hot screening units, grates, sinterbreaker

TYPICAL ALL WELD METAL ANALYSIS (%):

C	Si	Mn	Cr	Mo	Nb	V	W
5,2	1,0	0,4	21,0	7,0	7,0	1,0	2,0

TYPICAL ALL WELD METAL MECHANICAL PROPERTIES:

Hardness: 63 – 65 HRc

PARAMETER:

Diameter	Voltage	Amps
1,6	20 - 26	160 - 260
2,0	22 - 26	240 - 280
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, SA = Submerged Arc