

CORODUR[®] 450

CLASSIFICATION:

DIN EN 14700 DIN 8555
T Fe1 MF 5-45-PT

GENERAL CHARACTERISTICS:

CORODUR 450 is a tubular wire that produces a low alloyed deposit for hardfacing of approximately 450 HB. The deposit is tough and resistant to impact loads. Deposits are forgeable and machinable.

APPLICATION:

crane wheels, rails, guiding rolls, hydraulic cylinders

TYPICAL ALL WELD METAL ANALYSIS (%):

C	Si	Mn	Cr	Mo	V
0,25	0,8	1,0	3,5	0,4	0,2

TYPICAL ALL WELD METAL MECHANICAL PROPERTIES:

Hardness: 42 - 45 HRc

PARAMETER:

Diameter	Voltage	Amps
1,2	20 - 24	150 - 200
1,6	22 - 26	180 - 240
2,0	25 - 27	220 - 260
2,4	25 - 27	260 - 300
2,8	26 - 28	280 - 340
3,2	26 - 28	340 - 440
4,0	27 - 29	420 - 600

FORMS OF DELIVERY:

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

OA = gasless, G = gas shielded, SA = Submerged Arc