

CORODUR[®] 300

CLASSIFICATION:

DIN EN 14700 DIN 8555
T Fe6 MF 1-300-P

GENERAL CHARACTERISTICS:

CORODUR 300 is a tubular wire which produces a low alloyed hardfacing deposit with a hardness of about 300 HB. The deposit is tough and not susceptible to impact loads and high pressures. The number of layers can be done as necessary. The interpass temperature should be maximum 250°C. CORODUR 300 is excellent for buffer layers before hardfacing. The deposit is forgeable and can also be treated with cutting tools. In normal cases preheating is not necessary, depending on the base material. The alloy can be annealed without changing the structure of the deposits.

APPLICATION:

Cable rolls, rails, couplings, back up rolls of caterpillars crane wheel rims, shafts, tool-joints

TYPICAL ALL WELD METAL ANALYSIS (%):

C	Si	Mn	Cr	Mo	Ti
0,1	0,5	2,0	2,5	0,3	+

TYPICAL ALL WELD METAL MECHANICAL PROPERTIES:

Hardness: app. 325 HB

PARAMETER:

Diameter	Voltage	Amps
1,2	22 - 24	160 - 240
1,6	24 - 26	180 - 240
2,0	25 - 27	220 - 280
2,4	25 - 29	260 - 320
2,8	26 - 30	300 - 360

FORMS OF DELIVERY:

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

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