

CORODUR[®] 356

CLASSIFICATION:

DIN EN 14700 DIN 8555
T Fe7 MF 5-40-CPT

GENERAL CHARACTERISTICS:

CORODUR 356 is a Cr- Ni- Mo- Nb- V- alloyed flux cored wire. The deposit is corrosion resistant and good to impact loads and has an excellent resistance to thermal fatigue. A maximum deposit thickness of max. 10 mm (2 - 3 layers) is recommended. More layers decrease the hardness.

APPLICATION:

Continuous casting rolls, new cladding and rewelding of all types of hot rolling mills and caster

TYPICAL ALL WELD METAL ANALYSIS (%):

C	Si	Mn	Cr	Ni	Mo	Nb	V
0,1	0,3	0,8	17,0	4,8	1,0	0,2	0,3

TYPICAL ALL WELD METAL MECHANICAL PROPERTIES:

Hardness: 40 - 42 HRc

PARAMETER:

Diameter	Voltage	Amps
1,2	18 - 24	140 - 240
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, G = gas shielded, SA = Submerged Arc