

CORODUR 4351 N OA

CORODUR 4351 is a Flux Cored Wire which provides tough and corrosion resistant overlay against wear from sea water and power plant operation. The weld metal is Cr-Ni-Mo alloy stainless steel. The alloy is highly suitable for welding wear parts from the steel industry and large machinery. The weld deposit has excellent resistance to corrosion, pitting and impacts loads. It is also suitable for welding on tough, corrosion resistant continuous cast rolls.

Applications:

Deposition of continuous casting rolls, Bridge store; deposition to thick areas of water, steam and gas fittings for operating temperatures to 450 °C; rope pouring roles; on alloying buffer layers.

Hardness:

43-46 HRC

Major Alloying Elements:

C	Cr	Mo	Ni
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Welding Parameters:

DIA. (mm)	VOLTAGE	AMPS
1.6	20 – 26	160 – 260
2.0	22 – 27	200 – 280
2.4	24 – 28	260 – 340
2.8	25 – 29	300 – 400
3.2	26 – 30	320 – 460

Standard Packing :

Spool = 15 kgs (± 1kg) Spool = 25 kgs (± 1kg) Drum = 200 - 250kgs

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