

CORDIFF 2455

Characteristics:

CORDIFF 2455 is highly alloyed C-Cr-Mo-Ni-Nb-W tubular wire for abrasive wear, erosion and impact even at elevated temperatures. The weld deposit with Nickel rich matrix specially developed for high corrosion and abrasion with erosion wear, good impact resistance at this hardness without the danger of chipping off, and high temperature resistance. The weld deposit has adequate toughness with good resistant to deformation even at high temperature. Wear resistance is retained at temperatures up to 600⁰C.

Applications:

Blast furnace bells, fire graters, crusher, sinter wheel breakers, smelter loading chutes, Hardfacings on parts for coal mining equipment, cements and minerals industries etc. Also used for the pump housing and mixers in salt mining and chemical industries.

Hardness:

45 - 55 HRC

Typical Alloying element:

C	Cr	Mo	Ni	Nb	W
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Welding Parameters: Current: Dc+

DIA. (mm)	VOLTAGE	AMPS
1.6	22 – 25	170 – 230
2.0	24 – 27	220 – 260
2.4	25 – 29	260 – 330
2.8	27 – 30	300 - 360

Standard Packing:

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

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