

BORODUR (wear plate)

Characteristics:

BORODUR wear plate gives, weld deposits of high C-Cr alloyed weld metal with excellent resistance to abrasion and mild impact. It can be used whenever high abrasion accompanied by corrosion is expected. Best results are achieved by two layers hardface wear plate.

Applications:

Pumps, mixer parts, tracks hoppers, Pipe, Impellers, Conveyor Screws, Coal and Cement Mill Tyres, Liner etc.

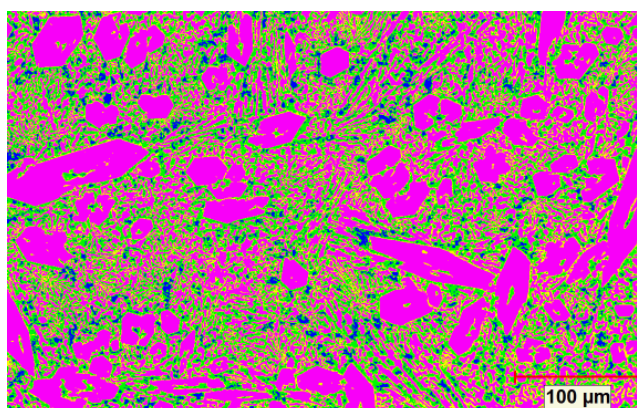
Major Alloying Elements:

C	Si	Mn	Cr	V	B
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Hardness:

OVERLAY THICKNESS	HARDNESS IN RC
4.00 mm	56 – 59
8.00 mm	58 – 62

Typical Image Analysis Report Of DIFFUSION BORODUR WP:



Remarks: Microstructure shows the Primary Chromium Carbides and Eutectic Carbides with the Austenite and Martensite.

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