

DATA SHEET FOR DURAWELD MAKE DW-STD ALLOY WELD CAST WEAR PRODUCT

1) Chemical Composition :

Alloy Basis	C	Cr	Mn	Si	B
Percentage	3.5 -5.0%	20-24%	0.7-1.5%	0.8-1.5%	Traces

2) Technical specifications:

- DW-STD COMPOSITE WELD CAST PLATES.
- PRODUCED BY ROBOTIC MACHINE.
- SINGLE PASS WELD CAST DEPOSIT OF THK. UPTO 12MM
- UNIFORM HARDNESS ACROSS THE CROSS-SECTION UPTO INTERFACE LEVEL OF HARDLAYER (RC 58-62) & MINIMUM DILUTION 3-5% ONLY.
- NO WELD RIPPLES, BUT MAT FINISHED SMOOTH HARDLAYER DEPOSIT.
- WEAR RESISTANT PROPERTY UNDER ASTM G-65 TEST CONDITIONS – ATLEAST TWICE (2 TIMES) SUPERIOR TO ANY WEARPLATE BRAND PRODUCED.

3) Micro Hardness: 58 – 62 HRC

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