

Coreweld 80-B2

AWS A5.28 E80C-B2C/M

Flux
CORED
WIRES

Description

- Coreweld 80B2 is a metal cored electrode designed for single and multipass welding of steels as 1/2%Cr-1/2%Mo, 1%Cr-1/2%Mo and 1-1/4%Cr-1/2%Mo. This electrode has a high percentage of iron powder resulting in a high percentage of iron powder resulting in a high efficiency wire with only small islands of slag on the weld deposit.

Shielding Gas : 75%Argon/25%CO₂

Typical Mechanical Properties of All Weld Metal

Yield Point N/mm ² {kgf/mm ² }	Tensile Strength N/mm ² {kgf/mm ² }	Elongation (%)	PWHT
640 {62}	687 {70}	25	As-Welded
593 {61}	662 {68}	26	620 °C x 1hr

Typical Undiluted Weld Metal Analysis %[100%CO₂]

C	Mn	Si	P	S	Cr	Mo
0.035	1.10	0.57	0.010	0.013	1.23	0.51