

Coreweld 80-K2

AWS A5.29 E80T1-K2C / JIS Z3313 T556T1-0CA-N3

Description

- Coreweld 80-K2 is a metal cored wire with superior pit resistance in welding of inorganic zinc-rich primer coated steel.
- Coreweld 80-K2 is a rutile slag flux cored wire designed to produce welds with impact toughness at temperature as low as -76°F (-60°C).
- The impact value of weld metal is reduced if heat input is much high.

Flux
CORED
WIRES

Shielding Gas : 100%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 (%)	Impact Value J(kgf · m)		
			-20 °C	-40 °C	-60 °C
578 {59}	637 {65}	26	89 {9.1}	68 {6.9}	48 {4.9}

Typical Undiluted Weld Metal Analysis %

C	Mn	Si	P	S	Ni
0.05	1.52	0.55	0.011	0.012	1.38

Approvals

ABS, LR, BV, GL, KR, DNV, NK, JIS