

## CARBO B 10 Ni

<b>International standards</b>	EN ISO 2560-A	E 42 6 2Ni B 42 H5
	AWS A 5.5	E8018 C1

### Typical applications and characteristics

CARBO B 10 Ni is a universal basic coated electrode for welding highly stressed joints with high security. Resistant to cold cracks - easy slag removal.  
Very good welding characteristics - can also be used in constrained welding positions. Fast solidifying weld metal - allows position welding at high amperage.

**Operating temperature** From -60° C bis +450 °C

### Mechanical properties of all-weld metal ( typical values )

Tensile strength $R_m$ N/mm <sup>2</sup>	Yield strength $R_{eL}$ N/mm <sup>2</sup>	Elongation $A_5$ %	Impact strength ISO – V J - 40°C
>520	> 420	> 20	> 80

### Weld metal analysis ( typical, wt % )

C	Si	Mn	Ni
0,05	0,5	1,25	2,0 – 2,5

**Current** = +

**Welding positions** PA, PB, PC, PD, PE, PF,

**Rebaking** 1 h, 350° C +/- 10° C ( if necessary) 1 h, 400° C = < 5ml hydrogen

Dia./Length	Amperage (A)	Pcs./packet	Pcs./carton	kg / 1000	kg / packet	kg / carton
2,5 x 350	80 - 110	208	832	21,6	4,5	18,0
3,2 x 350	110 - 150	123	492	36,6	4,5	18,0
4,0 x 450	140 - 200	81	324	74,0	6,0	24,0

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