

ULTRACORE[®] BRAND FERRO BORON CORED WIRE

Ferro Boron Cored Wire is an excellent choice for addition of precise amounts of Boron to steel.

We produce Ferro Boron (FeB) Cored Wire, in various diameters to accommodate customers' injection machines and ladle size requirements.

CHEMICAL COMPOSITION:

Type 1 (Pure):

Element	Guaranteed Range	Typical Analysis
B (%)	17.0 - 20.0	18.5
Fe (%)	83.0 – 80.0	81.5

Type 2 (Diluted):

Element	Guaranteed Range	Typical Analysis
B (%)	5.6 – 6.6	6.1
Fe (%)	94.4 – 93.4	93.9

Type 2 (Diluted) product is developed to have a better control of the Boron addition.

Ferro Boron linear density for a typical 13 mm diameter Cored wire is shown below:

Type 1 (Pure):

Diameter (*)	Grams/meter	Gr B/meter	Gr Fe/meter
13 mm	490 +- 5%	90.6 +- 5%	399.4 +- 5%
Diameter (*)	lb/ft	lb B/ft	lb Fe/ft
0.51 in (13 mm)	0.334 +- 5%	0.062 +- 5%	0.272 +- 5%

Type 2 (Diluted):

Diameter (*)	Grams/meter	Gr B/meter	Gr Fe/meter
13 mm	450 +- 5%	27.4 +- 5%	422.6 +- 5%
Diameter (*)	lb/ft	lb B/ft	lb Fe/ft
0.51 in (13 mm)	0.307 +- 5%	0.019 +- 5%	0.288 +- 5%

SIZES:

Cored Wire is available in a variety of diameters and lengths. Both vertical and horizontal axis orientations are available to suit customer's feeding system.

Typical Free Coil dimensions are shown below (ex.13 mm/0.15 in):

Diameter	Length	Internal Diameter	External Diameter	Width
13 mm	2500 m	500/600 mm	1050/1100 mm	730 mm
Diameter	Length	Internal Diameter	External Diameter	Width
0.51 in (13 mm)	8,200 ft	1.64/1.97 ft	3.44/3.60 ft	2.29 ft

PACKAGING:

For protection from moisture and damage during transportation and storage, coils are encased in a steel basket, placed on wooden pallets and shrink wrapped in plastic film. Ten coils can be shipped in a 20 ft sea container. Other packing options are available upon request.

QUALITY:

Ferro Boron Cored Wire is produced under Quality Controlled conditions in our San Luis Manufacturing Plant, certified to ISO9000/2000

MATERIAL SAFETY DATA SHEET:

Available to Globe customers. Please ask your sales representative.

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