



Fedtap

DESCRIPTION: Magnesia-carbon taphole shapes made exclusively from electro-fused magnesia and high-purity graphite. Customizable to any furnace application.

USES INCLUDE: EAF and BOF tapholes

CHEMICAL ANALYSIS: (TYPICAL CHEMICAL ANALYSIS)

(Approximate % - calcined basis)

| | FEDTAP 80 | FEDTAP 90 | FEDTAP 90X |
|------------------|------------------|------------------|-------------------|
| MgO, % | 98 | 98 | 98 |
| Carbon Purity, % | 98 | 98 | 98 |
| Carbon, % | 14 | 14 | 12 |
| Antioxidants AL | yes | yes | yes |
| Si | yes | yes | yes |

TYPICAL AS RECEIVED PROPERTIES:

| | | | |
|--|------------|------------|------------|
| Bulk Density, pcf (g/cm ³) | 186 (2.98) | 186 (2.98) | 188 (3.01) |
| Crushing Strength, psi (MPa) | 5800 (40) | 5800 (40) | 5800 (40) |
| Apparent Porosity, % | 4 | 4 | 4 |

The values reported above are average values derived from production data encompassing many different sizes and shapes. Actual data will vary to a small degree naturally, and as a function of size and shape. This form is not intended to be used for purposes of specification, it is informational only.

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