

ATLAS 98: Burned Magnesite Brick

DESCRIPTION: Atlas 98 (with or without tar impregnation- TI)

USES INCLUDE: EAF working lining and sub-hearth. BOF safety linings.

CHEMICAL ANALYSIS:

MgO	98 %
CaO	0.6
Silica	1.0
Fe ₂ O ₃	0.2
Al ₂ O ₃	0.2

TYPICAL AS RECEIVED PROPERTIES:

Bulk Density g/cm ³ (pcf)	2.95 (184)
Cold Crushing Strength Mpa (psi)	70.0 (10150)
Apparent Porosity %	< 18
Modulus of rupture MPA (psi)	
@22°C	13 (1885)
@1482°C	4 (580)
Refractoriness under load, °C (°F)	1630 (2966)

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.

Version 12.12