



# Brick

## Product Data

### OXILINE H

Classification: Burned High Purity Magnesite Brick

<u>Physical Data: (Typical)</u>	<u>English Units</u>	<u>SI Units</u>
	<u>lb/ft<sup>3</sup></u>	<u>kg/m<sup>3</sup></u>
Bulk Density	186	2,979
Apparent Porosity, %	15.0	15.0
	<u>lb/in<sup>2</sup></u>	<u>N/mm<sup>2</sup></u>
Crushing Strength At 70°F (21°C)	8,480	58
Modulus of Rupture At 70°F (21°C)	2,800	19
At 2700°F (1482°C)	1,000	7
Reheat Test Permanent Linear Change, % After Heating at 3140°F (1727°C)		-0.2

Chemical Analysis: (Approximate)  
(Calcined Basis)

Silica	(SiO <sub>2</sub> )	0.6 %
Alumina	(Al <sub>2</sub> O <sub>3</sub> )	0.1
Iron Oxide	(Fe <sub>2</sub> O <sub>3</sub> )	0.1
Lime	(CaO)	1.2
Magnesia	(MgO)	98.0

The properties shown on this data sheet represent typical average results generated using standard ASTM test methods (unless otherwise noted) conducted under controlled condition (using standard rectangular shapes), and should not be considered to be guaranteed specifications. Properties are subject to normal manufacturing statistical standard deviation ranges, and Resco Products, Inc. reserves the right to modify the properties and specifications at any time without prior notice.

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