



Brick

Product Data

OXILINE SR

Classification: Burned Tar Impregnated, Spall Resistant, High Purity Magnesite Brick

<u>Physical Data: (Typical)</u>	<u>English Units</u>	<u>SI Units</u>
	<u>lb/ft³</u>	<u>g/cc</u>
Bulk Density	196	3.14
	<u>lb/in²</u>	<u>N/mm²</u>
Crushing Strength * At 2800°F (1538°C)	2,910	20
Modulus of Rupture At 70°F (21°C)	2870	20
% Retained Carbon After Coking To 2000°F (1093°C)	2.1	2.1
% Apparent Porosity After Coking At 2000°F (1093°C)	11.7	11.7

Chemical Analysis: (Approximate)
(Calcined Basis)

Silica	(SiO ₂)	1.1 %
Alumina	(Al ₂ O ₃)	0.2
Iron Oxide	(Fe ₂ O ₃)	0.3
Lime	(CaO)	2.3
Magnesia	(MgO)	94.2
Zirconia	(ZrO ₂)	1.9

* Tests on carbon free samples.

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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