



Brick

Product Data

LadleMax BSC

Resin Bonded, Alumina-Carbon-Silicon Carbide Brick

Physical Properties

Bulk Density (pcf) :	177
Apparent Porosity (%) :	8.4
MOR at 70°F (psi)	2,000
Coked Porosity (%)	14.7

Chemical Analysis, %:(calcined basis)

Alumina	Al ₂ O ₃	71.1
Silicon Carbide + Carbon	SiC + C	19.0
Magnesia	MgO	0.1
Iron Oxide	Fe ₂ O ₃	1.1
Silica	SiO ₂	6.1
Lime	CaO	0.2
Titania	TiO ₂	2.4

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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