



Brick

Product Data

NULINE 11-98

Classification: Resin Bonded, Magnesia - Carbon Brick
10 % Carbon Class - Part Fused Magnesia
Strength and Antioxidant Additions

Physical Data: (Typical)

English Units

Bulk Density, pcf	183
Coked Properties	
Density, pcf	178
Porosity, %	10.9
Total Carbon, %	9.7
Crushing Strength, psi	
At 2800°F (1538°C)	3,670
Modulus of Rupture, psi	
At 70°F (21°C)	2,100
At 2000°F (1093°C)	1,980

Chemical Analysis: (Approximate) (Calcined Basis)

Silica	(SiO ₂)	0.3 %
Alumina	(Al ₂ O ₃)	5.1
Iron Oxide	(Fe ₂ O ₃)	0.1
Lime	(CaO)	0.7
Magnesia	(MgO)	93.8

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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