



# Brick

## Product Data

### NULINE 20 SF

Classification: Magnesia – Carbon Brick, Resin Bonded  
20% Carbon Class – Fused Grain  
Strength & Antioxidant Additions

Physical Data: (Typical) English Units

	<u>lbs/ft<sup>3</sup></u>
<u>Bulk Density:</u>	179
<u>Coked Properties:</u>	
Density	174
Porosity	10.8%
Total Carbon	18.3%

	<u>lb/in<sup>2</sup></u>
<u>Modulus of Rupture</u> @ 70°F (21°C)	1,500

Chemical Analysis: (Approximate)  
(calcined basis)

Silica	(SiO <sub>2</sub> )	7.8 %
Alumina	(Al <sub>2</sub> O <sub>3</sub> )	0.1
Iron Oxide	(Fe <sub>2</sub> O <sub>3</sub> )	0.5
Lime	(CaO)	1.7
Magnesia	(MgO)	89.9

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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