



# PRODUCT DATA

**Brand Name:** **NULINE 36-95**  
**Description:** RESIN BONDED, MAGNESIA-CARBON BRICK  
Antioxidant Additions

Physical properties shown are averages based on standard brick sizes.  
ASTM test methods used where applicable

### Bulk Density (pcf)

As Received	184	(2.95 g/cm <sup>3</sup> )
After Coking	179	(2.87 g/cm <sup>3</sup> )

### Modulus of Rupture (psi)

At 70°F (21°C)	3200	(224 kg/cm <sup>2</sup> )
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### Coked Porosity (%)

After Coking	12.0
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### Total Carbon (%)

After Coking	4.5
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### Typical Chemical Analysis (%)

(Calcined Basis including Antioxidant Addition)

Magnesia (MgO) .....	90.9
Silica (SiO <sub>2</sub> ) .....	1.1
Alumina (Al <sub>2</sub> O <sub>3</sub> ) .....	5.9
Lime (CaO) .....	1.4
Iron Oxide (Fe <sub>2</sub> O <sub>3</sub> ) .....	0.7

Brand Code: 3546

The properties shown on this data sheet represent typical average results 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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One Robinson Plaza - Suite 300, 6600 Steubenville Pike, Pittsburgh, PA, 15205 Phone: 888-283-5505