



Brick

Product Data

NULINE 59-92

Classification: Resin Bonded, Magnesia-Carbon Brick
5% Carbon Class
Strength and Antioxidant Additions

Physical Data: English Units

lbs/ft³

Bulk Density: 185

Coked Properties:

| | | |
|--------------|-----|-------|
| Density | 181 | |
| Porosity | | 12.4% |
| Total Carbon | | 5.0% |

Crushing Strength 3,720
@ 2800°F (11538°C)

Modulus of Rupture
@ 70°F (21°C) 1,530
@ 2000°F (1093°C) 1,860

Chemical Analysis: (Approximate)
(calcined basis)

| | | |
|------------|--------------------------------|-------|
| Silica | SiO ₂ | 0.2 % |
| Alumina | Al ₂ O ₃ | 8.9 |
| Iron Oxide | Fe ₂ O ₃ | 0.2 |
| Lime | CaO | 1.3 |
| Magnesia | MgO | 89.4 |

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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