



PRODUCT DATA

Brand Name: NULINE R-5

Classification: Resin Bonded Magnesia- Carbon Brick
5% Carbon Class

Bulk Density (lb/ft³) : 187 (2995 kg/m³)

Coked Properties:

Density, lb/ft³ 183 (2931 kg/m³)

Porosity, % 14.1

Total Carbon, % 4.2

Modulus of Rupture (lb/in²)

At 70°F (21°C) : 2530

Typical Chemical Analysis (%)

Alumina (Al ₂ O ₃)	0.1 %
Silica (SiO ₂)	0.3
Iron Oxide (Fe ₂ O ₃)	0.2
Lime (CaO)	1.8
Magnesia (MgO)	97.6

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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