



Brick

Product Data

NULINE 10 LE (Formerly Nuline 1-99 (TL0060))

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

<u>Physical Data: (Typical)</u>	<u>English Units</u>	<u>SI Units</u>
Bulk Density	$\frac{\text{lb}}{\text{ft}^3}$ 183	$\frac{\text{g}}{\text{cm}^3}$ 2.94
Coked Properties		
Density	180	2.89
Porosity	11.5%	
Total Carbon	9.4%	
Modulus of Rupture	$\frac{\text{lb}}{\text{in}^2}$	MPa
At 70°F (21°C)	2000	13.8
At 2550°F (1400°C)	1600	11.1

Chemical Analysis:
(Approximate)

Silica	(SiO ₂)	1.3%
Alumina	(Al ₂ O ₃)	7.8
Iron Oxide	(Fe ₂ O ₃)	0.8
Lime	(CaO)	1.3
Magnesia	(MgO)	88.8

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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