



PRODUCT DATA

Brand Name: **RESCAL 30 CR**

Description: **Burned Alumina Chrome Brick**

Bulk Density (lb/ft³) : **204**

Apparent Porosity (%) : **16.0**

Cold Crushing Strength (psi) **19,000**

Modulus of Rupture (psi) **4900**

Permanent Linear Change (%)
After Firing to 2910°F (1600°C) : **+0.15**

Hot Modulus of Rupture (psi)
At 2700°F (1482°C) : **2500**

Typical Chemical Analysis (%)

Alumina (Al ₂ O ₃)	68.1 %
Silica (SiO ₂)	0.1
Iron Oxide (Fe ₂ O ₃)	0.1
Lime (CaO)	0.3
Titania (TiO ₂)	1.5
Chromic Oxide (Cr ₂ O ₃)	29.7
Alkalis	0.2

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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