



# PRODUCT DATA

**Brand Name:** **NUCON 60**  
**Description:** DIRECT BONDED, MAGNESITE-CHROME BRICK

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

**Bulk Density (pcf)**

As Received 193 (3.09 g/cm<sup>3</sup>)

**Modulus of Rupture (psi)**

At 70°F (21°C) 585 (41.0 kg/cm<sup>2</sup>)

**Cold Crushing Strength (psi)**

At 70°F (21°C) 5400 (378 kg/cm<sup>2</sup>)

**Apparent Porosity (%)**

As Received 18.0

**Typical Chemical Analysis (%)**

(Calcined Basis)

Magnesia (MgO) .....	61.2
Chromic Oxide (Cr <sub>2</sub> O <sub>3</sub> ) .....	19.6
Iron Oxide (Fe <sub>2</sub> O <sub>3</sub> ) .....	11.4
Silica (SiO <sub>2</sub> ) .....	0.8
Lime (CaO) .....	1.2
Alumina (Al <sub>2</sub> O <sub>3</sub> ) .....	5.9

Brand Code: 2495

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.

RESOCO PRODUCTS disclaims any express or implied warranties based on this sheet.

07/14/17 is the date that this data sheet was updated. Check with your RESOCO sales representative or RESOCO website to determine you have the current sheet.