



# PRODUCT DATA

**Brand Name:** REF RAM CCMH RM

**Description:** REF RAM CCMH RM is a ready-to-use, phosphate-bonded, 60% alumina ramming mix that is used primarily in the steel industry. This product is installed by pneumatic ramming methods. Prior to service, material must be properly cured to avoid hazardous conditions. Avoid contact with molten metal until thoroughly dried.

Physical properties shown are average values of samples taken under controlled conditions  
ASTM test methods used where applicable

**Maximum Service Temperature:** 3050°F (1677°C)

**Material Required per Cubic Foot :** 160 lbs. (approximate)

**Bulk Density (pcf)**

After 220°F (105°C) 156 (2.50 g/cm<sup>3</sup>)

**Typical Chemical Analysis (%)**

(Calcined Basis)

Alumina (Al <sub>2</sub> O <sub>3</sub> ) .....	60.9
Silica (SiO <sub>2</sub> ) .....	33.9
Iron Oxide (Fe <sub>2</sub> O <sub>3</sub> ) .....	0.6
Titania (TiO <sub>2</sub> ) .....	0.5
Alkalis (Na <sub>2</sub> O+K <sub>2</sub> O) .....	0.7
Phosphorus Pentoxide (P <sub>2</sub> O <sub>5</sub> ) .....	3.4

**Standard Packaging :** 50 lb bag, 50 bags per pallet. Bulk packaging available

Brand Code: 2357

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.

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03/08/17 is the date that this data sheet was updated. Check with your RESCO sales representative or RESCO website to determine you have the current sheet.

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