



# Product Data

**Brand Name:** CERAMIC FIRE CLAY

Preparation Method: Dry Milled

Manufacturing Location : Cedar Heights Clay Division  
Post Office Box 295; 3542 St. Route 93  
Oak Hill, OH 45656

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

**Typical Chemical Analysis (%) :**  
(Calcined Basis)

Alumina (Al <sub>2</sub> O <sub>3</sub> ) .....	28.0
Silica (SiO <sub>2</sub> ) .....	55.4
Iron Oxide (Fe <sub>2</sub> O <sub>3</sub> ) .....	1.7
Titania (TiO <sub>2</sub> ) .....	1.7
Magnesia (MgO) .....	0.5
Lime (CaO) .....	0.2
Sodium Oxide (Na <sub>2</sub> O) .....	0.2
Pottassium Oxide (K <sub>2</sub> O) .....	2.0
Other .....	0.5
Loss on Ignition (LOI) .....	9.8

**Available Mesh Sizes :** 50

**Bond Strength (psi) :** 9.0

**Pyrometric Cone Equivalent (ASTM C-24) :** 29/31

**Standard Packaging:** 50 lb. bags. 60 bags per pallet/Super Sacks/ Bulk Trucks and Rail Cars

Brand Code: 0154

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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