



## PRODUCT DATA

**Brand Name:** LADLELOCK 90 PBP

**Description:** LADLELOCK 90 PBP is a Premium, Phosphate-Bonded, 90% Alumina Mortar and is available in a premixed, Dipping consistency.

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

**Maximum Service Temperature:** 3200°F (1760°C)

**Dry Material Required:**

Use 500 lbs. of mortar per 1000- 9"x4-1/2"x 2-1/2" (228 mm x 144 mm x 64 mm) straight brick for a 1/16" thick (1.6 mm) brick joint

**Typical Chemical Analysis (%)**

(Calcined Basis)

Alumina (Al <sub>2</sub> O <sub>3</sub> ) .....	90.2
Silica (SiO <sub>2</sub> ) .....	3.3
Iron Oxide (Fe <sub>2</sub> O <sub>3</sub> ) .....	0.1
Titania (TiO <sub>2</sub> ) .....	0.1
Phosphorus Pentoxide (P <sub>2</sub> O <sub>5</sub> ) .....	6.0
Alkalis (Na <sub>2</sub> O+K <sub>2</sub> O) .....	0.3

**Standard Packaging:** 45 lb. plastic pail

Brand Code: 3364

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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