



# PRODUCT DATA

**Brand Name:** HELSPOT® PLASTIC  
**Description:** Graphitic Plastic Refractory

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

**Maximum Service Temperature: 2900°F (1593°C)**

**Typical Material Required per cubic foot :** 129 - 135 lb. (2.07 - 2.16 g/cm<sup>3</sup>)

**Bulk Density (pcf)**

After Drying 128 - 134 (2.05 - 2.15 g/cm<sup>3</sup>)

**Total Carbon (%)**

After Drying 12.0

**Typical Chemical Analysis (%)**

(Calcined Basis)

Alumina (Al <sub>2</sub> O <sub>3</sub> ) .....	26.1
Silica (SiO <sub>2</sub> ) .....	68.0
Iron Oxide (Fe <sub>2</sub> O <sub>3</sub> ) .....	1.2
Titania (TiO <sub>2</sub> ) .....	1.3
Lime (CaO) .....	0.6
Magnesia (MgO) .....	0.6
Alkalis (Na <sub>2</sub> O+K <sub>2</sub> O) .....	2.2

**Standard Packaging:** 100 lb. carton

Brand Code: 0897

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 guarantee d 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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