



# TECHNICAL DATA

## HELSPOT® PLASTIC GRAPHITIC PLASTIC REFRACTORY

|  |               |
|--|---------------|
| Recommended Service Temperature Limit.....   | 2900°F        |
| Material Required Per Ft <sup>3</sup> .....  | 129-135 lb    |
| Dried Bulk Density Per Ft <sup>3</sup> ..... | 128-134 lb    |
| Carbon Content (Dried Basis).....            | 12%           |
| Packaging.....                               | 100 lb carton |

### CHEMICAL ANALYSIS: (Ignited)

|                                      |       |
|--------------------------------------|-------|
| Al <sub>2</sub> O <sub>3</sub> ..... | 26.1% |
| SiO <sub>2</sub> .....               | 68.0  |
| Fe <sub>2</sub> O .....              | 1.2   |
| TiO <sub>2</sub> .....               | 1.3   |
| CaO .....                            | 0.6   |
| MgO .....                            | 0.6   |
| Alkal .....                          | 2.2   |

The properties shown on this data sheet represent typical average results generated using standard ASTM test methods (unless otherwise noted) conducted under controlled condition (using standard rectangular shapes), and should not be considered to be guaranteed specification. 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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