



# PRODUCT DATA

Brand Name:

**MIX 00-08**  
**CORDIERITE SHAPE**

Physical properties shown are averages based on standard sizes.

ASTM test methods used where applicable

Maximum Service Temperature: 2550°F (1400°C)

**Bulk Density (pcf)**

As Received 124 (1.99 g/cm<sup>3</sup>)

**Modulus of Rupture (psi)**

As Received 1000 (70 kg/cm<sup>2</sup>)

**Coefficient of Thermal Expansion (x 10<sup>-6</sup> in/in/°C)**

2.5

**Apparent Porosity (%)**

As Received 25

**Typical Chemical Analysis (%)**

(Calcined Basis)

Alumina (Al <sub>2</sub> O <sub>3</sub> ) .....	47.8
Silica (SiO <sub>2</sub> ) .....	50.2
Iron Oxide (Fe <sub>2</sub> O <sub>3</sub> ) .....	0.6
Titania (TiO <sub>2</sub> ) .....	1.1
Lime (CaO) .....	0.1
Magnesia (MgO) .....	0.1
Alkalis (Na <sub>2</sub> O+K <sub>2</sub> O) .....	0.2

Brand Code: 5156

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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