

# ZIRCON

## Product Data Sheet

### Typical Material Properties\*

%	Sand	Flours
ZrO <sub>2</sub>	≥ 65.0%	≥ 65.0%
SiO <sub>2</sub>	≤ 33.0	≤ 33.0
Al <sub>2</sub> O <sub>3</sub>	≤ 2.0	≤ 2.0
TiO <sub>2</sub>	≤ 0.35	≤ 0.35
Fe <sub>2</sub> O <sub>3</sub>	≤ 0.05	≤ 0.05
<b>Melting Point</b>	2205°C	2205°C
<b>Specific Gravity</b>	4.5	4.5
<b>Refractive Index</b>	2	2
<b>Hardness (Mohs)</b>	7.5	7.5
<b>Thermal Expansion Coefficient (cm/cm/°C)</b>	4.2 x 10 <sup>-6</sup>	4.2 x 10 <sup>-6</sup>

\*Zircon is a naturally occurring mineral and is therefore subject to variability. The levels referenced herein are only for general guidance and do not constitute a firm specification.

Trebol, Inc. has determined test method and provided analysis as noted herein.

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Revision Date: March 14, 2011 Replaces: November 3, 2006