



# Grains and Raw Materials

## Product Data

### ALKATROL® SERIES

<b>Markets</b>	Stoneware, Structural Ceramics, Coatings, Whiteware Ceramics
<b>Benefits</b>	Improves Whiteness, Widens Firing Range, Reduces Warpage, Increases Thermal Shock Resistance, Stabilizes Shrinkage
<b>Preparation Method</b>	Crushing & Screening of Selectively Mined Andalusite/Pyrophyllite/Sericite Ores. (Dry Milling $\Phi$ )
<b>Location</b>	Resco Products, Inc. Post Office Box 566; 231 Piedmont Drive Hillsborough, NC 27278 Phone: 919-732-3981 Fax: 919-732-9414

<b>Product</b>	<b><u>W-22535<math>\Phi</math></u></b>	<b><u>W-20031<math>\Phi</math></u></b>
<b><u>Chemical Analysis (%)</u></b>		
Al <sub>2</sub> O <sub>3</sub>	20.0	19.0
SiO <sub>2</sub>	75.9	75.1
Fe <sub>2</sub> O <sub>3</sub>	0.4	0.4
TiO <sub>2</sub>	0.4	0.4
Alkalies	1.3	2.6
LOI	2.0	2.5

<b><u>Size Analysis (%)</u></b>		
+200 Mesh	1	7
-200 Mesh	99	93

Custom Sizing And Blending Is Available

<b>Specific Gravity (g/cc)</b>	2.56	2.69
<b>Bulk Density (lb/ft<sup>3</sup>)</b>	45	46
<b>P.C.E.</b>	19	16

<b>Packaging</b>	60-50 lb bags/pallet Super Sacks (Various Weights) Bulk Trucks and Rail Cars
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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 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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