



Grains and Raw Materials

Product Data

PYROPHYL® SERIES

Markets	Foundry Mold & Core Wash Formulations, Technical Ceramics, Structural Clay Coatings, Refractory Formulations, Art Pottery
Benefits	Low Hot Load Deformation, Volume Stability, Improved Refractoriness
Preparation Method	Crushing & Screening of Selectively Mined High Andalusite Ores. (Magnetic Separation \otimes) (Dry Milling Φ) (Co-Products \emptyset)
Location	Piedmont Minerals Division Post Office Box 566; 231 Piedmont Drive Hillsborough, NC 27278 Phone: 919-732-3981 Fax: 919-732-9414

Product	<u>R-1403$\Phi\emptyset\emptyset$</u>	<u>R-2252$\Phi\emptyset$</u>	<u>R-2253$\Phi\emptyset$</u>
<u>Chemical Analysis (%)</u>			
Al ₂ O ₃	21.0	26.0	20.0
SiO ₂	74.7	69.7	75.7
Fe ₂ O ₃	0.7	0.7	0.7
TiO ₂	0.4	0.4	0.4
Alkalies	0.4	0.4	0.4
LOI	2.8	2.8	2.8

Size Analysis (%)

+200 Mesh	12	1	1
-200 Mesh	88	99	99

Custom Sizing And Blending Is Available

Specific Gravity (g/cc)	2.70	2.75	2.70
Bulk Density (lb/ft³)	60	70	55
P.C.E.	29	29	26

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

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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