



Grains and Raw Materials

Product Data

PYROFRAC® SERIES (2)

Markets	Structural Clay Coatings, Refractory Formulations, Art Pottery
Benefits	Increases Refractoriness, Reduces Shrinkage, Widens Firing Range
Preparation Method	Crushing & Screening of Selectively Mined Andalusite/Pyrophyllite/Sericite Ores. (Magnetic Separation ⊗) (Dry Milling Φ) (Co-Products Ø)
Location	Piedmont Minerals Division Post Office Box 566; 231 Piedmont Drive Hillsborough, NC 27278 Phone: 919-732-3981 Fax: 919-732-9414

Product	<u>2024Ø</u>	<u>4203Ø</u>
<u>Chemical Analysis (%)</u>		
Al ₂ O ₃	19.6	24.0
SiO ₂	73.8	71.2
Fe ₂ O ₃	1.0	1.0
TiO ₂	0.4	0.4
Alkalies	0.4	0.4
LOI	4.8	3.0

<u>Size Analysis (% Ret.)</u>		
4 Mesh	-	1.8
8 Mesh	-	45.5
20 Mesh	10.1	46.4
50 Mesh	59.3	6.3
70 Mesh	13.5	-
100 Mesh	8.2	-
200 Mesh	7.0	-
325 Mesh	1.0	-
Pan	0.9	-

Custom Sizing And Blending Is Available

Specific Gravity (g/cc)	2.70	2.70
Bulk Density (lb/ft³)	70	108
P.C.E.	27	29

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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