



Grains and Raw Materials

Product Data

CERAMIC CLAY SERIES

Markets Art Pottery, Structural Clay Bodies & Coatings, Technical Ceramics, Stoneware

Benefits Attractive Color, Improves Workability

Preparation Method Dry Milled

Location Cedar Heights Clay Division
Post Office Box 295; 3542 St. Route 93
Oak Hill, OH 45656
Phone: 740-682-7794
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Product	<u>Goldart</u>	<u>Ceramic Fireclay</u>	<u>Redart</u>	<u>Roseville</u>	<u>Salt Lick</u>
<u>Chemical Analysis</u>					
<u>(%)</u>					
Al₂O₃	28.8	28.0	16.4	23.4	25.4
SiO₂	55.2	55.4	64.2	60.8	60.9
Fe₂O₃	1.4	1.7	7.0	2.1	1.6
TiO₂	1.8	1.7	1.1	1.7	1.5
MgO	0.4	0.5	1.6	0.2	0.5
CaO	0.2	0.2	0.2	0.4	0.2
Na₂O	0.2	0.2	0.4	0.3	0.1
K₂O	1.9	2.0	4.1	2.5	2.3
Other	0.1	0.5	0.1	0.1	0.2
LOI	10.0	9.8	4.9	8.5	7.5
Available Mesh Sizes	200	50	200	200/50	200
Bond Strength (psi)	9.0	9.0	6.0	7.0	7.0
Fired Color	Light Buff	Light Buff	Brick Red	Med. Buff	Dark Buff
P.C.E.	29/31	29/31	13	23	27
Packaging Available	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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