

TECHNICAL DATA SHEET

PRODUCT	
WHITING	Also referred to as Chalk, Limestone and Calcium Carbonate, the main source of calcium in glazes and also a flux at high temperature. Contributes hardness and durability and in large quantities produces a matt effect. It can enhance the finish of salt glaze ware by developing a thicker glaze.

TYPICAL PHYSICAL ANALYSIS AND PROPERTIES (MEAN VALUES. THESE DO NOT REPRESENT A SPECIFICATION.)	
FINENESS	
Residue on a 125 µm sieve (ISO 787/7)	0.03%
Residue on a 53 µm sieve (ISO 787/7)	4%
Particles <2 µm (ISO 787/7)	19%
Top Cut (d98%)	110 µm
Mean Particle Size (d50%)	9 µm

WHITENESS	
Brightness (RY, C/2x, DIN 53163)	79%

Moisture Ex Works (ISO 787/2)	0.1%
Loose Bulk Density (ISO 787/11)	0.8 g/ml
Packed Bulk Density	1.5 g/ml
Specific Gravity (ISO 787/10)	2.7 g/ml
Oil Absorption (ISO 787/5)	17 g/100g
Blaine Surface Area	480 m ² /kg
pH Value (ISO 787/9)	9

CHEMICAL ANALYSIS (MEAN VALUES. THESE DO NOT REPRESENT A SPECIFICATION.)		
Calcium Carbonate	CaCO ₃	99%
Silicon Oxide	SiO ₂	0.3%
Iron Oxide	Fe ₂ O ₃	0.02%
HCl insoluble content	-	0.4%

PRODUCT SIZE
The products are available in Paper Bags (25kg).