

TECHNICAL DATA SHEET

PRODUCT	
MOLOCHITE	Manufactured using calcined China Clay which is a refractory white grog. Fine grades are used to reduce shrinkage of engobes and to increase resistance to thermal shock. Coarser grades are used in clay bodies such as Earthstone.

GRADES AVAILABLE TO PURCHASE					
-200s	-120s	-80s	50/80s	30/80s	-30s

PHYSICAL ANALYSIS AND PROPERTIES (MEAN VALUES. THESE DO NOT REPRESENT A SPECIFICATION.)	
Specific Gravity	2.70
Porosity (vol %)	10
Hardness (mohs)	7-8
Mullite (mass %)	55
Amorphous Material (mass %)	45
Initial Deformation	1750-1770
Squatting	>1770
Coefficient of Expansion, 20-1000°C	4.4 x 10

CHEMICAL ANALYSIS (MEAN VALUES. THESE DO NOT REPRESENT A SPECIFICATION.)		
Aluminium Oxide	Al ₂ O ₃	42.0
Potassium Oxide	K ₂ O	2.0
Silicon Oxide	SiO ₂	54.0
Titanium Oxide	TiO ₂	0.07
Calcium Oxide	CaO	0.07
Magnesium Oxide	MgO	0.30
Iron Oxide	Fe ₂ O ₃	1.30

PRODUCT SIZE
The products are available in 25kg Paper Bags, big bags and bulk.