

Activated Ceramic Bentonite

Bentonite grade for ceramic bodies and glazes

DESCRIPTION & APPLICATIONS

Bentonite binds particles together in ceramic bodies to make them stronger in the green or dry state. Its minute particles fill voids between others to produce a more dense mass with more points of contact. Adding bentonite to glazes also imparts better dry strength and a harder and more durable surface. To fully appreciate how plastic, hard and strong bentonite can be, try mixing 25:75 with silica and preparing plastic test bars.

TECHNICAL SPECIFICATIONS

Parameter	Specification
Moisture content	10%
Swelling	24 cc/2gm
pH	9.0+ (@5% suspension)
Dry screen (100us mesh)	100%
Dry screen (200us mesh)	96%
Sand content	Trace
Calcite	Trace

CHEMICAL COMPOSITION

Cl ⁻	K ₂ O	Na ₂ O	MgO	CaO	Fe ₂ O ₃	Al ₂ O ₃	SiO ₂
2.16	1.12	3.43	2.51	0.37	08.99	24.26	58.72

PACKAGING

PACKAGING 25 kg paper sacks and 1 ton jumbo bags.

Note: Reference technical specification. Final supply is subject to the agreed grade and shipment-specific quality documentation.