

DESCRIPTION

Natka 1200 is a high quality air floated sedimentary hard kaolin clay. Strict attention to production and quality control assures a high degree of product uniformity.

Hard Clays are very fine in their natural particle size. This limits how much hard clay can be incorporated into a rubber compound. Typical loading levels range from 20 to 150 phr. Hard clay provides high modulus, tensile strength, abrasion resistance, green strength and provides stiffness to elasometric compounds.

PRODUCTION SPECIFICATIONS

Screen Residue	0.25 % Max. + 325 mesh (slurry)
Free Moisture	1.00 % Max.

TYPICAL PROPERTIES

G.E. Brightness	72.0—76.0%
Oil Absorption	36 ml oil / 100 g clay +/- 6 ml
Appearance	Light Cream Powder
pH	4.0—5.5 (10% by weight in solution)
Specific Gravity	2.6 g/cc
% passing 2 Microns	92.0%
Mean Surface Diameter	0.6 μ m

CHEMICAL ANALYSIS

SiO ₂	43.0 to 45.0%
Al ₂ O ₃	38.5 to 39.5%
Fe ₂ O ₃	1.44 to 1.78%
TiO ₂	1.0 to 2.0%
CaO	trace
MgO	trace
K ₂ O	trace
Na ₂ O	trace
LOI	13.0 to 15.5%

Data presented above are the result of tests made according to generally accepted test procedures and are representative of typical production. Active Minerals International, LLC offers this data in good faith and makes no warranty or representation regarding the accuracy of this data or the use of this product. The user is solely responsible for the use of this product.