

Suprex

PRODUCT DESCRIPTION

The hard kaolin, Suprex, has gained worldwide acceptance as the premier kaolin filler for the rubber industry. Higher modulus, tensile strength, tear resistance, abrasion resistance, and green strength are just a few of the benefits from using Suprex.

PRODUCT

Mineral | Air Float Kaolin

CHEMICAL ANALYSIS

SiO ₂	(%)	45.1
Al ₂ O ₃	(%)	38.1
Fe ₂ O ₃	(%)	1.6
TiO ₂	(%)	1.5
K ₂ O	(%)	0.2
Na ₂ O	(%)	Trace
CaO	(%)	0.02
MgO	(%)	Trace
L.O.I	(%)	13.5
SO ₃	(%)	0.5
P ₂ O ₅	(%)	0.1

TYPICAL PHYSICAL PROPERTIES

Raw Color		White
pH		4.0 – 5.5
Specific Gravity	(%)	2.6

PARTICLE SIZE

Median	(microns)	0.3
+325 Mesh	(% retained)	0.25 Max
% < 20	(microns)	99
% < 10	(microns)	99
% < 5	(microns)	97
% < 2	(microns)	93
% < 1	(microns)	86
% < 0.5	(microns)	72

Imerys

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