



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.

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Third Edition

## TYPICAL PROPERTIES

### CHEMICAL ANALYSIS

SiO <sub>2</sub>	(%)	45.1
Al <sub>2</sub> O <sub>3</sub>	(%)	38.1
Fe <sub>2</sub> O <sub>3</sub>	(%)	1.6
TiO <sub>2</sub>	(%)	1.5
K <sub>2</sub> O	(%)	0.2
Na <sub>2</sub> O	(%)	Trace
CaO	(%)	0.02
MgO	(%)	Trace
L.O.I.	(% at 950°C)	13.5
SO <sub>3</sub>	(%)	0.5
P <sub>2</sub> O <sub>5</sub>	(%)	0.1

### 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

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The data quoted are determined by the use of Imerys Standard Test Methods, copies of which will be supplied on request. Every precaution is taken in production to ensure the products conform to our published data. Since the products are based on naturally occurring materials, we reserve the right to change these data should it become necessary. Sales are in accordance with our "Conditions of Sale", copies of which will be supplied upon request.