



R.E. Carroll, Inc.

Raw Materials • Fillers • Petroleum Products



SA-1

DESCRIPTION

SA-1 is a high quality, finely pulverized, airfloat Kaolin clay filler with properties specifically selected for the coatings, adhesives, rubber and other industries. SA-1 features low viscosities in aqueous systems and performs as soft clay in rubber compounds.

TYPICAL PHYSICAL PROPERTIES

Specific Gravity	2.6
Moisture, Maximum % as produced	1.0
325 Mesh Screen Residue, Maximum %	1.0
GE Brightness, % Average	79.5
Oil Absorption, g/100g Clay	32
Viscosity, 62% solids, cps*, Maximum	500
Raw Color	Cream/Gray

*Brookfield No. 2 Spindle, 20 rpm.

TYPICAL CHEMICAL ANALYSIS

SiO ₂	45.60%
Al ₂ O ₃	38.40%
Fe ₂ O ₃	0.55%
TiO ₂	1.50%
CaO	0.06%
MgO	Trace
K ₂ O	0.18%
Na ₂ O	Trace
LOI	13.82%

TYPICAL PARTICLE SIZE ANALYSIS

% Finer Than	
20µm	97%
10µm	91%
5µm	80%
2µm	60%
1µm	47%
0.5µm	35%

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.

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