

TECHNICAL DATA

SNOBRITE®

WHITE KAOLIN FILLERS AND EXTENDERS

PARTICLE SIZE ANALYSIS AND PROPERTIES

Mean Values. These Do Not Represent A Specification.

	ASTM E-11	MICRONS	75	68	60	75HB
Typical Mean % Retained On Individual Sieves	200	75	<0.25	<0.25	<0.30	<0.25
	325	45	<0.50	<0.30	<0.70	<0.50
Subsieve Analysis % Passing		<20	99	99	99	99
		<10	96	94	93	97
		<5	91	86	80	92
		<2	75	68	60	80
		<1	61	56	46	71
		<.5	50	40	34	56
Median Particle Size (μ)	SEDIGRAPH		0.5	0.9	1.2	0.5
Surface Area (m ² /g)	ASTM D-1993		24	21	17	24
Oil Absorption (g/100g)	ASTM D-281		42	40	35	42
Brightness Lab Value	GEB		80	80	78	80
L	SPECTROMETRIC		94.0	94	94.0	94.5
a			0.2	0.3	0.2	0.1
b			5.0	5.5	5.0	3.9
pH (in solution)	AFS 113-87-S		6.0-8.0	6.0-8.0	6.0-8.0	6.0-8.5
Moisture Content	AFS C-566		<1.0	<1.0	<1.0	<1.0

CHEMICAL ANALYSIS

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Mean Percent By Weight on Oxide Basis

		75*	68**	60***	75HB
Silicon Dioxide	(SiO ₂)	45.50	45.50	45.70	45.40
Aluminum Oxide	(Al ₂ O ₃)	38.00	38.25	38.10	38.00
Titanium Dioxide	(TiO ₂)	1.65	1.55	1.50	1.60
Iron Oxide	(Fe ₂ O ₃)	0.90	0.70	0.65	0.90
Calcium Oxide	(CaO)	0.25	0.20	0.20	0.20
Magnesium Oxide	(MgO)	0.03	0.05	0.06	0.05
Potassium Oxide	(K ₂ O)	0.23	0.23	0.25	0.20
Sodium Oxide	(Na ₂ O)	0.04	0.04	0.04	0.05
Loss on Ignition	(L.O.I.)	13.40	13.48	13.50	13.60

SunMix

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