

SUPRA A™

Talc Product #1707

High Aspect Ratio
High Slip
Plastics and Rubber

PHYSICAL PROPERTIES

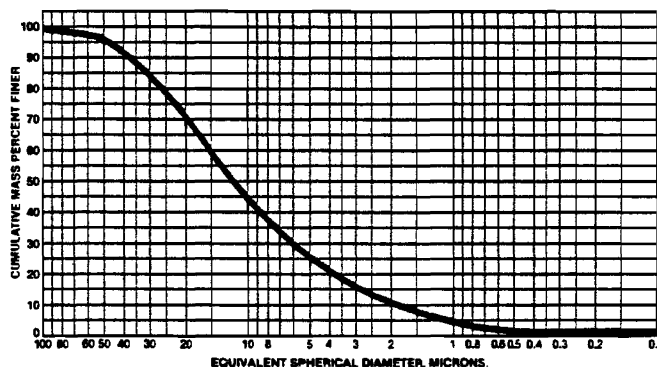
Brightness	87 ± 2%	GEB, MgO=100%
Loose Density	24 ± 3 lbs./ft. ³	CTFA C8-1
Tapped Density	69 ± 3 lbs./ft. ³	CTFA C7-1
Bulking Value	23.3 lbs./gal	
Specific Gravity	2.74	ASTM 153-82
Acid Solubles	1 ± 0.5%	CSTM 27 as CO ₂
Oil Absorption - Gardner-Coleman	45 ± 5g/100g	ASTM D1483
Surface Area	4 ± 0.5 M ² /g	BET, N ₂
pH	9.0 ± 0.5	CSTM 5 @ 10% Slurry

PARTICLE SIZE DISTRIBUTION

Percent Passing	200 MESH	98 min.
	20 µm	71
	1 µm	6

MEDIAN PARTICLE SIZE 12 µm

SEDIGRAPH 5000



CHEMICAL ANALYSIS

SiO ₂	60.4%	XRF
MgO	32.0%	XRF
Fe ₂ O ₃	0.9%	XRF
Al ₂ O ₃	0.6%	XRF
Na ₂ O	0.3%	XRF
TiO ₂	0.2%	XRF
CaO	0.1%	XRF
L.O.I.	5.5 ± .5%	@ 1000° C

MINERAL ANALYSIS

Talc	96%	XRD
Chlorite	<3%	XRD
Quartz	<1%	XRD
Magnesite	Trace	XRD

Asbestos, Tremolite, Actinolite and Anthophyllite are not detected by analytical techniques which include XRD, optical and electron microscopy.

The data presented are based on tests that Cyprus believes to be reliable and are offered in good faith as typical of normal production, but Cyprus makes no warranty or representation of any kind, expressed or implied, regarding the information given or the product described, including any warranty of suitability for a particular purpose. The user is solely responsible for its use of the information and product. Cyprus disclaims any liability based on any claim of patent infringement.



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PLAINTIFF'S
EXHIBIT
CAM-176

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