



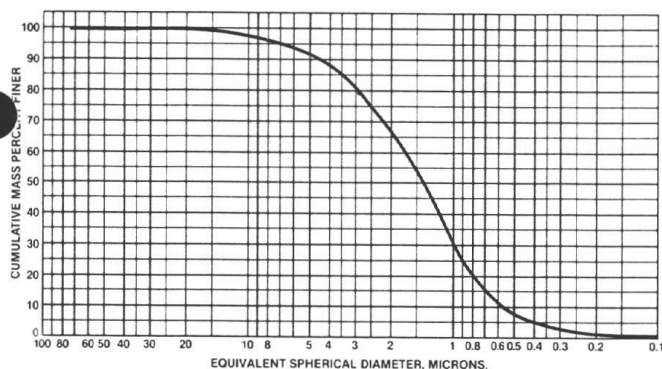
MISTRON VAPOR

PRODUCT # 0001, 0003, 0006, 0007, 0008, 0011

PHYSICAL PROPERTIES

Brightness (relative to MgO):	
General Electric	85% $\pm$ 2
Luminous Green Filter	88% $\pm$ 2
Apparent Density	
Loose (Scott Volumeter)	6 lbs./ft. ³ $\pm$ 2
Tapped (Numinco)	15 lbs./ft. ³ $\pm$ 2
COMPACTED	55-60 lbs./ft. ³ $\pm$ 2
Specific Gravity	2.8
Acid Solubles (as CaO)	1.0% $\pm$ 0.5
Oil absorption	
Spatula Rub-Out (ASTM D281)	46 g/100 g $\pm$ 2
Gardner-Coleman (ASTM D1483)	80 g/100 g $\pm$ 2
Surface area [m ² /g (N ₂ BET)]	17 $\pm$ 1.0
Hegman fineness of grind	5.5-6.0
Adsorbed Moisture	0.5%
COMPACTED	3.0% max.
pH (1:5 Dilution)	9.0 $\pm$ 0.5
Valley abrasion	20 mg max.

PARTICLE SIZE DISTRIBUTION



Minus 44 μ m, 325 mesh	100%
Minus 20 μ m	100
Minus 10 μ m	97
Minus 5 μ m	92
Minus 2 μ m	65
Minus 1 μ m	30
Minus 0.5 μ m	7
Median particle size	1.5 μ m

Data presented are representative of most recent testing and are offered in good faith as being typical of normal production.

DESCRIPTION

MISTRON VAPOR is a high purity, asbestos-free, natural magnesium silicate. The surface of its ultra-fine, platy particles have a strong affinity for many types of organic molecules and are strongly hydrophobic.

Major uses of MISTRON VAPOR are as a scavenger of unwanted organic matter from water slurries, such as the control of undesirable pitch build-up during pulp and paper production; a white reinforcing filler and processing aid in elastomers and plastics; as a rheological control agent in liquid resins, plastisols and adhesives.

- 0001: Compacted MV bulk
- 0003: Compacted MV R 1% H₂O max.
- 0006: Compacted MV in semi bulk bags
- 0007: Mistron Vapor Powder - 50 lb. bags
- 0008: Compacted MV in 50 lb. bags
- 0011: MV Densified 50 lb. bags

CHEMICAL ANALYSIS

MgO	31%
SiO ₂	62
CaO	1
Al ₂ O ₃	trace
K ₂ O	—
Fe ₂ O ₃	1
TiO ₂	—
L.O.I.	5.5 $\pm$ 0.5

MINERAL ANALYSIS

Talc	98%
Chlorite	—
Dolomite	2
Quartz	<1
Asbestos Minerals	not detected

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PLAINTIFF'S
EXHIBIT
CAM-193

CYPRUS
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