



2020

Product Data Sheet
Plant: Mt. Athos

I. GEOLOGICAL FORMATION: GREENSTONE

II. CHEMICAL ANALYSIS () :

Silica as SiO₂
Iron as Fe₂O₃
Aluminum as Al₂O₃

Calcium as CaO
Magnesiur as MgO
Sulphur as S

III. QUALITY DATA:			Product							
TEST	TEST DATE		3	57	78	8	9	A SAND	C-Slurry	10
* SPECIFIC GRAVITY *										
BULK (ASPHALT)	1/20		3.008	3.008	3.001	2.996	2.983	2.998	2.985	2.980
BULK - SSD (CONCRETE)	1/20		3.016	3.022	3.016	3.008	3.001	3.011	2.994	2.993
APPARENT	1/20		3.035	3.050	3.041	3.034	3.038	3.038	3.013	3.019
% ABSORPTION	1/20		0.3%	0.5%	0.5%	0.4%	0.6%	0.4%	0.3%	0.4%
* LOS ANGELES DEGRADATION *										
GRADING A % LOSS	1/20	22.2%								
GRADING B % LOSS	1/20	18.3%								
GRADING C % LOSS	1/20	24.0%								
SOUNDNESS % LOSS (Magnesium Sulfate)	1/20		0.7%	0.3%	0.4%	0.4%	3.9%	5.3%	4.3%	5.0%
SOUNDNESS % LOSS (Sodium Sulfate)										
Surface Treatment Rate of Application										
Stone (lb/sq yd)										
Emulsion (gal/sq yd)										
* SUPERPAVE *										
ASTM C1252 % VOIDS (METH A)	1/20							51.4%	48.9%	49.9%
AASHTO T 176 SAND EQUIVALENT	1/20							94	59	92
ASTM D4791 % F & E (5:1)	1/20			6.1%	4.9%	7.0%				