BOXLEY

2024

Product Data Sheet
Plant: Mt. Athos

I. GEOLOGICAL FORMATION: GREENSTONE

II. CHEMICAL ANALYSIS (5/2024) :

Silica	as SiO2	48.8%	Calcium	as CaO	6.1%
Iron	as Fe2O3	14.1%	Magnesiun	as MgO	6.3%
Aluminum	as Al2O3	13.5%	Sulphur	as S	>.05

III. QUALITY DATA:

TEST	TEST DATE		Product							
			3	ASPHALT 57	57	78	8	9	A SAND	
* SPECIFIC GRAVITY *										
BULK (ASPHALT)	3/24		3.002	2.998	3.008	2.991	2.987	2.989	2.986	
BULK - SSD (CONCRETE)	3/24		3.016	3.015	3.025	3.010	3.006	3.006	3.002	
APPARENT	3/24		3.044	3.049	3.059	3.048	3.044	3.040	3.037	
% ABSORPTION	3/24		0.5%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	
DRY RODDED (LBS/CUBIC FT)	3/24		106.0	104.3	104.1	101.7	102.9	98.5	110.6	
DRY RODDED (LBS/CUBIC YARD)	3/24		2862	2816	2811	2746	2778	2660	2986	
DRY RODDED (% VOIDS)	3/24		43.4%	44.2%	44.1%	45.5%	44.8%	47.2%	40.7%	
DRY RODDED (Kg/Cubic Meter)	3/24		1698	1671	1668	1629	1648	1578	1772	
VTM-5 % VOIDS IN STONE SAND	3/24								57.2%	
ASTM C1252 % VOIDS (METH B)	3/24								56.0%	
ASTM C1252 % VOIDS (METH C)	3/24								47.9%	
ASTM D4791 % F & E (3:1)	3/24									
* LOS ANGELES DEGRADATION *										
GRADING A % LOSS	3/24	23.7%								
GRADING B % LOSS	3/24	23.9%								
GRADING C % LOSS	3/24	23.9%								
SOUNDNESS % LOSS (Magnesium Sulfate)	3/24									
SOUNDNESS % LOSS (Sodium Sulfate)										
* SUPERPAVE *										
ASTM C1252 % VOIDS (METH A)	3/24								51.3%	
AASHTO T 176 SAND EQUIVALENT	3/24									
ASTM D4791 % F & E (5:1)	3/24									