



**Location: 72 South Main St.  
Acushnet, MA 02743**

**Phone: 508-992-3542  
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**Material: STONE DUST**

Sieve Size		% Passing
Metric	US Customary	
9.5 mm	3/8"	100
4.75 mm	#4	87
2.36 mm	#8	72
1.18 mm	#16	59
0.600 mm	#30	50
0.300 mm	#50	34
0.150 mm	#100	19
0.075 mm	#200	11
<b>Physical Properties</b>		
Bulk Specific Gravity		2.611
Effective Specific Gravity		2.659
Apparent Specific Gravity		2.742
Absorption (%)		1.5
Maximum Dry Unit Weight (lbs/ft <sup>3</sup> )		143.7
Optimum Moisture Content (%)		6.8
Loose Dry Unit Weight (pcf)		103.4
Rodded Dry Unit Weight (pcf)		123.3
Sodium Soundness Loss (%)		1.4
Uncompacted Voids (%)		45.2
Sand Equivalent		71

**Notes:**

- 1) Testing in accordance with C-136/T-27 Sieve Analysis of Fine and Coarse Aggregate, T-84 Specific Gravity and Absorption of Fine Aggregate, T-104 Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate, T-304 Uncompacted Void Content of Fine Aggregate, T-176 Plastic Fines in Graded Aggregate and Soils by Use of the Sand Equivalent Test. T-19 Bulk Density ("Unit Weight") Voids in Aggregates, ASTM D-1557 Laboratory Compaction of Soil Using Modified Effort (Method "B").
- 2) Maximum Dry Unit Weight reported for informational purposes only, testing should be performed on the actual material supplied to determine project in-place density.
- 3) All testing performed under the direct supervision of NETTCP certified Soil and Aggregate Technician.
- 4) Testing performed in P.J. Keating's laboratory meeting state specifications.
- 5) Additional information can be provided upon request.