



Source / Location	Contact Information	Rock Classification: Basalt
901 River Road East Deerfield, MA	Ph: (413) 665-7021 aggregate@asmg.com	

<b>AASHTO T-27</b> Sieve Analysis of Fine and Coarse Aggregate													
% Passing	3/4" Blend	7/16"	5/16"	ABC	Dense Grade (R)	TRG	Dense Grade (G)	1 1/2"	3/4"	1/2"	3/8"	Fines	Sand Delta
2"	100	100	100	100	100	100	100	100	100	100	100	100	100
1 1/2"	100	100	100	97	97	100	98	97	100	100	100	100	100
1"	100	100	100	86	86	100	82	44	100	100	100	100	100
3/4"	93	100	100	82	82	99	76	11	92	100	100	100	100
1/2"	61	100	100	80	80	91	73	4	15	96	100	100	100
3/8"	28	94	100	72	72	78	66	3	3	32	97	100	100
#4	6	3	43	51	51	52	45	1	2	3	20	100	90
#8	1	1	3	39	38	35	29	1	1	2	2	73	67
#16	-	-	1	30	29	22	18	-	-	-	1	47	42
#30	-	-	-	23	22	15	14	-	-	-	-	33	19
#50	-	-	-	19	17	10	12	-	-	-	-	23	7
#100	-	-	-	13	11	7	9	-	-	-	-	15	3
#200	-	-	-	10	9	6	7	-	-	-	-	10	1

ASTM D-1557 Method C	Proctor	135.8	135.8	133.1	137.2
	Opt. Mc.	8.8	8.8	7.8	8.0

FM =	3.0	3.4
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AASHTO T-84 (Fine Aggregate)	Bulk Specific Gravity	2.891	2.877	2.858	2.785	2.663	2.598
	Specific Gravity (SSD)	2.901	2.893	2.881	2.812	2.737	2.650
AASHTO T-85 (Coarse Aggregate)	Apparent Specific Gravity	2.921	2.925	2.924	2.861	2.874	2.740
	Absorption	0.30%	0.46%	0.56%	0.85%	2.75%	2.00%

ASTM D-5821	Fractured Particles (1 face / 2 face)	100%	100%	100%	100%	-	-
ASTM D-4791	Flat / Elongated	8%	3%	2%	2%	-	-
AASHTO T-304	Uncompacted Voids	-	-	-	-	44.4%	40.6%
AASHTO T-176	Sand Equivalent	-	-	-	-	44%	84%
AASHTO T-19	Dry Rodded Unit Wt. (lbs./cu.ft)	100.0	100.0	105.0	105.0	110.0	105.0

<b>AASHTO T-96</b> Resistance to Abrasion of Small Size Coarse Aggregate by use of Los Angeles Abrasion Machine					
Grading	A	Revolutions	500	Percent Loss (Average)	16.1
Grading	B	Revolutions	500	Percent Loss (Average)	10.0