

SPECIFIC GRAVITY / ABSORPTION FINE AGGREGATE - 2009

LAB ID	BULK SG DRY	BULK SG DRY COMMENT	BULK SG SSD	BULK SG SSD COMMENT	APPARENT SG	APPARENT SG COMMENT	ABSORPTION	ABSORPTION COMMENT	PROCEDURE USED
11005	2.64	OK	2.64	OK	2.65	OK	0.2	OK	AASHTO
11007	2.64	OK	2.64	OK	2.65	OK	0.2	OK	AASHTO
11009	2.64	OK	2.65	OK	2.66	OK	0.3	OK	AASHTO
11029	2.64	OK	2.64	OK	2.65	OK	0.2	OK	AASHTO
11049	2.63	OK	2.64	OK	2.65	OK	0.4	OK	AASHTO
11053	2.5X	REVIEW	2.54X	REVIEW	2.55X	REVIEW	0.2	OK	AASHTO
11055	2.27X	REVIEW	2.29X	REVIEW	2.32X	REVIEW	1X	REVIEW	AASHTO
11061	2.64	OK	2.64	OK	2.65	OK	0.2	OK	AASHTO
11062	2.61	REVIEW	2.62	OK	2.64	OK	0.3	OK	AASHTO
11075	2.63	OK	2.64	OK	2.66	OK	0.3	OK	AASHTO
11077	2.65	OK	2.65	OK	2.66	OK	0.2	OK	AASHTO
11089	2.63	OK	2.64	OK	2.65	OK	0.2	OK	AASHTO
11090	2.64	OK	2.65	OK	2.65	OK	0.2	OK	AASHTO
11097	2.63	OK	2.63	OK	2.64	OK	0.2	OK	AASHTO
11105	2.59X	REVIEW	2.6X	REVIEW	2.61X	REVIEW	0.4	OK	AASHTO
11171	2.63	OK	2.64	OK	2.65	OK	0.1	OK	AASHTO
11190	2.65	OK	2.66	OK	2.66	OK	0.2	OK	AASHTO
11215	2.62	OK	2.63	OK	2.64	OK	0.3	OK	AASHTO
11371	2.79X	REVIEW	2.82X	REVIEW	2.88X	REVIEW	1.1X	REVIEW	AASHTO
11436	2.63	OK	2.64	OK	2.66	OK	0.3	OK	AASHTO
11479	2.64	OK	2.65	OK	2.67	OK	0.4	OK	AASHTO
12013	2.65	OK	2.65	OK	2.66	OK	0.2	OK	AASHTO
12028	2.64	OK	2.64	OK	2.65	OK	0.1	OK	AASHTO
12045	2.62	OK	2.63	OK	2.65	OK	0.4	OK	AASHTO
12049	2.64	OK	2.65	OK	2.65	OK	0.1	OK	AASHTO
12051	2.64	OK	2.65	OK	2.66	OK	0.2	OK	AASHTO
12063	2.64	OK	2.65	OK	2.66	OK	0.3	OK	AASHTO
12067	2.65	OK	2.65	OK	2.66	OK	0.2	OK	AASHTO
12073	2.62	OK	2.63	OK	2.64	OK	2X	REVIEW	AASHTO
12085	2.58X	REVIEW	2.58X	REVIEW	2.59X	REVIEW	0.2	OK	AASHTO

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12114	2.63	OK	2.64	OK	2.64	OK	0.2	OK	AASHTO
12135	2.65	OK	2.66	OK	2.67	OK	0.2	OK	AASHTO
12144	2.64	OK	2.64	OK	2.65	OK	0.2	OK	AASHTO
12161	2.62	OK	3.63X	REVIEW	2.64	OK	0.2	OK	AASHTO
12179	2.53X	REVIEW	2.55X	REVIEW	2.58X	REVIEW	0.8X	REVIEW	AASHTO
12206	2.64	OK	2.65	OK	2.66	OK	0.3	OK	AASHTO
12212	2.63	OK	2.64	OK	2.65	OK	0.2	OK	AASHTO
12324	2.64	OK	2.64	OK	2.66	OK	0.3	OK	AASHTO
12409	2.64	OK	2.64	OK	2.65	OK	0.1	OK	AASHTO
12463	2.63	OK	2.64	OK	2.64	OK	0.1	OK	AASHTO
12467	2.64	OK	2.65	OK	2.66	OK	0.2	OK	AASHTO
12507	2.65	OK	2.65	OK	2.66	OK	0.2	OK	AASHTO
14002	2.64	OK	2.64	OK	2.65	OK	0.1	OK	AASHTO
14040	2.64	OK	2.64	OK	2.64	OK	0	OK	AASHTO
14050	2.65	OK	2.65	OK	2.65	OK	0.1	OK	AASHTO
14071	2.64	OK	2.64	OK	2.66	OK	0.3	OK	AASHTO

AVG	2.64		2.64		2.65		0.20		
STDEV	0.01		0.01		0.01		0.10		
+2SD	2.66		2.66		2.67		0.40		
-2SD	2.62		2.62		2.63		0.00		
+3SD	2.67		2.67		2.68		0.50		
-3SD	2.61		2.61		2.62		-0.10		

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11002	2.64	OK	2.65	OK	2.66	OK	0.2	OK	ASTM
11010	2.53X	REVIEW	2.53X	REVIEW	2.54X	REVIEW	0.2	OK	ASTM
11011	2.65	OK	2.65	OK	2.66	OK	0.2	OK	ASTM
11022	2.65	OK	2.65	OK	2.66	OK	0.2	OK	ASTM
11024	2.56X	REVIEW	2.57X	REVIEW	2.59	REVIEW	0.4	OK	ASTM
11030	2.63	OK	2.64	OK	2.65	OK	0.3	OK	ASTM
11034	2.64	OK	2.65	OK	2.66	OK	0.2	OK	ASTM
11036	1.42X	REVIEW	2.83X	REVIEW	2.66	OK	32.7X	REVIEW	ASTM
11042	2.64	OK	2.65	OK	2.66	OK	0.2	OK	ASTM
11046	1.62X	REVIEW	1.61X	REVIEW	1.62X	REVIEW	0.3	OK	ASTM
11048	2.63	OK	2.64	OK	2.65	OK	0.2	OK	ASTM
11052	2.63	OK	2.64	OK	2.64	OK	0.2	OK	ASTM
11064	2.62	OK	2.63	OK	2.65	OK	0.4	OK	ASTM
11084	2.62	OK	2.64	OK	2.66	OK	0.5	OK	ASTM
11094	0.35X	REVIEW	0.35X	REVIEW	0.35X	REVIEW	0.3	OK	ASTM
11106	2.64	OK	2.66	OK	2.69	OK	0.7	REVIEW	ASTM
11108	2.62	OK	2.63	OK	2.64	OK	0.3	OK	ASTM
11115	2.64	OK	2.65	OK	2.67	OK	0.3	OK	ASTM
11119	2.63	OK	2.64	OK	2.66	OK	0.4	OK	ASTM
11124	2.67	OK	2.68	OK	2.69	OK	0.3	OK	ASTM
11135	2.65	OK	2.65	OK	2.66	OK	0.2	OK	ASTM
11137	2.65	OK	2.66	OK	2.67	OK	0.3	OK	ASTM
11143	2.64	OK	2.65	OK	2.69	OK	0.1	OK	ASTM
11167	2.61	OK	2.62	OK	2.65	OK	0.5	OK	ASTM
11185	2.64	OK	2.64	OK	2.66	OK	0.3	OK	ASTM
11208	2.75X	REVIEW	2.75X	REVIEW	2.75X	REVIEW	0.1	OK	ASTM
11210	2.59	OK	2.61	OK	2.65	OK	0.8	REVIEW	ASTM
11212	2.65	OK	2.65	OK	2.67	OK	0.3	OK	ASTM
11232	2.61	OK	2.62	OK	2.63	OK	0.2	OK	ASTM
11237	2.64	OK	2.64	OK	2.65	OK	0.1	OK	ASTM

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11311	2.61	OK	2.62	OK	2.63	OK	0.4	OK	ASTM
11319	2.63	OK	2.64	OK	2.65	OK	0.2	OK	ASTM
11376	2.59	OK	2.61	OK	2.65	OK	0.8	REVIEW	ASTM
11411	2.62	OK	2.65	OK	2.7	REVIEW	1.1X	REVIEW	ASTM
11413	2.64	OK	2.68	OK	2.76X	REVIEW	1.7X	REVIEW	ASTM
11438	2.64	OK	2.65	OK	2.65	OK	0.2	OK	ASTM
11452	2.66	OK	2.67	OK	2.68	OK	0.2	OK	ASTM
11456	2.63	OK	2.64	OK	2.66	OK	0.4	OK	ASTM
11457	2.65	OK	2.66	OK	2.68	OK	0.4	OK	ASTM
11461	2.62	OK	2.62	OK	2.63	OK	0.1	OK	ASTM
12002	2.64	OK	2.65	OK	2.65	OK	0.1	OK	ASTM
12003	2.61	OK	2.63	OK	2.67	OK	0.9X	REVIEW	ASTM
12004	2.54X	REVIEW	2.56X	REVIEW	2.59	REVIEW	0.8	REVIEW	ASTM
12011	2.63	OK	2.64	OK	2.65	OK	0.3	OK	ASTM
12016	2.62	OK	2.63	OK	2.64	OK	0.2	OK	ASTM
12020	2.63	OK	2.64	OK	2.67	OK	0.5	OK	ASTM
12023	2.63	OK	2.64	OK	2.65	OK	0.3	OK	ASTM
12025	2.66	OK	2.67	OK	2.69	OK	0.4	OK	ASTM
12035	1.6X	REVIEW	1.66X	REVIEW	1.7X	REVIEW	3.4X	REVIEW	ASTM
12079	2.6	OK	2.6	OK	2.61	OK	0.2	OK	ASTM
12081	2.63	OK	2.64	OK	2.65	OK	0.3	OK	ASTM
12083	2.64	OK	2.65	OK	2.66	OK	0.2	OK	ASTM
12086	2.63	OK	2.63	OK	2.64	OK	0.2	OK	ASTM
12111	2.64	OK	2.65	OK	2.66	OK	0.2	OK	ASTM
12143	2.63	OK	2.64	OK	2.65	OK	0.2	OK	ASTM
12145	2.65	OK	2.65	OK	2.65	OK	0.1	OK	ASTM
12151	2.65	OK	2.66	OK	2.68	OK	0.4	OK	ASTM
12152	2.62	OK	2.63	OK	2.65	OK	0.3	OK	ASTM
12163	2.64	OK	2.65	OK	2.66	OK	0.2	OK	ASTM
12407	2.64	OK	2.65	OK	2.66	OK	0.2	OK	ASTM

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12441	2.63	OK	2.64	OK	2.65	OK	0.2	OK	ASTM
12443	2.62	OK	2.63	OK	2.64	OK	0.4	OK	ASTM
12447	2.18X	REVIEW	2.18X	REVIEW	2.19X	REVIEW	0.2	OK	ASTM
12451	2.64	OK	2.64	OK	2.64	OK	0.1	OK	ASTM
12460	2.63	OK	2.63	OK	2.63	OK	0.1	OK	ASTM
12471	2.64	OK	2.64	OK	2.65	OK	0.2	OK	ASTM
12479	2.61	OK	2.62	OK	2.63	OK	0.3	OK	ASTM
12515	2.65	OK	2.65	OK	2.66	OK	0.2	OK	ASTM
12517	2.6	OK	2.61	OK	2.62	OK	2.4X	REVIEW	ASTM
12525	2.57	REVIEW	2.58	REVIEW	2.59	REVIEW	0.2	OK	ASTM
14144	2.65	OK	2.66	OK	2.66	OK	0.2	OK	ASTM
14202	2.63	OK	2.64	OK	2.65	OK	0.3	OK	ASTM
15003	2.76X	REVIEW	2.76X	REVIEW	2.77X	REVIEW	0.2	OK	ASTM
21007	2.62	OK	2.62	OK	2.64	OK	0.3	OK	ASTM

AVG	2.63		2.64		2.65		0.29		
STDEV	0.02		0.02		0.02		0.16		
+2SD	2.67		2.68		2.69		0.61		
-2SD	2.59		2.60		2.61		-0.03		
+3SD	2.69		2.70		2.71		0.77		
-3SD	2.57		2.58		2.59		-0.19		