

C. Specific Gravity Tanah Asli

Uraian	Satuan	Perhitungan						
Labu Ukur	-	1						
Berat Labu Ukur	gram	58,2						
Berat Tanah Kering (Ws)	gram	20						
Berat Labu Ukur + Air + Tanah (W1)	gram	167,5	167,9	168,1	168,3	168,5	168,8	169,0
Suhu	(°C)	71	59	51	47	41	34	30
Berat Labu Ukur + Air (W2)	gram	154,75	155,39	155,82	156,03	156,35	156,72	156,94
Specific Gravity (GS)	-	2,76	2,67	2,59	2,59	2,55	2,52	2,52
Rata-rata Specific Gravity	-	2,60						

Uraian	Satuan	Perhitungan									
Labu Ukur	-	3									
Berat Labu Ukur	gram	43,9									
Berat Tanah Kering (Ws)	gram	20									
Berat Labu Ukur + Air + Tanah (W1)	gram	154,2	154,6	154,8	154,9	155	155,2	155,3	155,4	155,7	155,8
Suhu	(°C)	75	63	55	49	44	40	39	36	34	30
Berat Labu Ukur + Air (W2)	gram	141,32	141,96	142,39	142,71	142,98	143,19	143,24	143,40	143,51	143,73
Specific Gravity (GS)	-	2,81	2,72	2,64	2,56	2,51	2,50	2,52	2,50	2,56	2,52
Rata-rata Specific Gravity	-	2,58									

Uraian	Satuan	Perhitungan									
Labu Ukur	-	4									
Berat Labu Ukur	gram	50,8									
Berat Tanah Kering (Ws)	gram	20									
Berat Labu Ukur + Air + Tanah (W1)	gram	161,2	161,5	161,7	161,9	162,1	162,2	162,3	162,4	162,5	
Suhu	(°C)	76	62	54	50	44	40	35	34	30	
Berat Labu Ukur + Air (W2)	gram	148,15	148,87	149,29	149,50	149,81	150,01	150,27	150,33	150,53	
Specific Gravity (GS)	-	2,88	2,71	2,64	2,63	2,60	2,56	2,51	2,52	2,49	
Rata-rata Specific Gravity	-	2,62									

Rata-rata Specific Gravity Tanah Asli = 2,60

D. Specific Gravity Abu Ampas Tebu

Uraian	Satuan	Perhitungan									
Labu Ukur	-	1									
Berat Labu Ukur	gram	59.1									
Berat Tanah Kering (Ws)	gram	20									
Berat Labu Ukur + Air + Tanah (W1)	gram	166.3	167.3	167.8	168.1	168.3	168.4	168.6	168.8	169	169.1
Suhu	(°C)	72	64	57	52	46	44	41	36	34	30
Berat Labu Ukur + Air (W2)	gram	156.24	156.59	156.89	157.11	157.38	157.46	157.59	157.81	157.90	158.08
Specific Gravity (GS)	-	2.01	2.15	2.20	2.22	2.20	2.21	2.22	2.22	2.25	2.23
Rata-rata Specific Gravity	-	2.191									

Uraian	Satuan	Perhitungan									
Labu Ukur	-	2									
Berat Labu Ukur	gram	40									
Berat Tanah Kering (Ws)	gram	20									
Berat Labu Ukur + Air + Tanah (W1)	gram	144.1	146.5	146.8	147.1	147.3	147.5	147.7	147.8	148	148.2
Suhu	(°C)	71	63	56	53	51	48	41	36	34	30
Berat Labu Ukur + Air (W2)	gram	138.35	138.72	139.04	139.18	139.27	139.41	139.73	139.96	140.05	140.24
Specific Gravity (GS)	-	1.40	1.64	1.63	1.66	1.67	1.68	1.66	1.64	1.66	1.66
Rata-rata Specific Gravity	-	1.631									

Uraian	Satuan	Perhitungan									
Labu Ukur	-	3									
Berat Labu Ukur	gram	39.4									
Berat Tanah Kering (Ws)	gram	20									
Berat Labu Ukur + Air + Tanah (W1)	gram	147.1	148.6	148.9	149.3	149.6	149.8	150	150.2	150.3	150.4
Suhu	(°C)	69	62	58	53	46	44	41	36	34	30
Berat Labu Ukur + Air (W2)	gram	136.84	137.15	137.33	137.55	137.86	137.95	138.09	138.31	138.40	138.58
Specific Gravity (GS)	-	2.05	2.34	2.37	2.42	2.42	2.45	2.47	2.47	2.47	2.45
Rata-rata Specific Gravity	-	2.392									

Rata-rata Specific Gravity Abu ampas tebu = 2,071

E. Specific Gravity Semen

Labu Ukur		1										
Berat Labu Ukur	gram	58.2										
Berat Tanah Kering (Ws)	gram	20										
Berat Labu Ukur + Air + Tanah (W)	gram	166.4	166.7	166.9	167.3	167.5	167.7	167.9	168.4	168.7	168.9	
Suhu	gram	72	66	58	55	49	44	41	39	33	30	
Berat Labu Ukur + Air (W2)	(°C)	154.7	155.0	155.4	155.6	155.9	156.2	156.4	156.5	156.8	156.9	
Specific gravity		2.4110	2.4051	2.3412	2.4088	2.3743	2.3556	2.3667	2.4822	2.4759	2.4882	
Rata-rata Specific gravity		2.41										

Labu Ukur		2										
Berat Labu Ukur	gram	43.9										
Berat Tanah Kering (Ws)	gram	20										
Berat Labu Ukur + Air + Tanah (W)	gram	156.4	156.5	156.8	156.9	157.4	157.7	158	158.4	157.6	157.7	
Suhu	gram	65	63	57	53	48	45	41	37	35	30	
Berat Labu Ukur + Air (W2)	(°C)	144.9	145.0	145.2	145.4	145.6	145.8	145.9	146.1	146.2	146.4	
Specific gravity		2.3629	2.3661	2.3755	2.3538	2.4334	2.4839	2.5222	2.5950	2.3267	2.2941	
Rata-rata Specific gravity		2.41										

Labu Ukur		3										
Berat Labu Ukur	gram	51.6										
Berat Tanah Kering (Ws)	gram	20										
Berat Labu Ukur + Air + Tanah (W)	gram	159.6	160.5	160.8	160.9	161.2	161.3	161.4	161.6	161.7	162.1	
Suhu	gram	84	73	65	60	48	40	36	34	32	30	
Berat Labu Ukur + Air (W2)	(°C)	147.7	148.3	148.7	149.0	149.6	150.0	150.2	150.3	150.4	150.5	
Specific gravity		2.4599	2.5637	2.5264	2.4765	2.3813	2.2952	2.2672	2.2922	2.2912	2.3716	
Rata-rata Specific gravity		2.39										

Rata-rata Specific Gravity Semen = 2,40

F. Pemeriksaan Specific Gravity Campuran 8% AAT + 4% PPC

Uraian	Satuan	Perhitungan									
Labu Ukur	-	1									
Berat Labu Ukur	gram	59.7									
Berat Tanah Kering (Ws)	gram	20									
Berat Labu Ukur + Air + Tanah (W1)	gram	167.6	168.4	168.7	169.2	169.4	170	170.1	170.5	170.9	171
Suhu	(°C)	75	68	62	58	50	44	40	39	32	30
Berat Labu Ukur + Air (W2)	gram	156.59	157.67	157.32	158.13	157.99	158.76	158.54	158.99	158.99	159.40
Specific Gravity (GS)	-	2.22	2.16	2.32	2.24	2.33	2.28	2.37	2.35	2.47	2.38
Rata-rata Specific Gravity	-	2.313									

Uraian	Satuan	Perhitungan									
Labu Ukur	-	2									
Berat Labu Ukur	gram	37.2									
Berat Tanah Kering (Ws)	gram	20									
Berat Labu Ukur + Air + Tanah (W1)	gram	147.2	148.1	148.5	148.7	149	149.3	149.5	149.7	149.9	150.2
Suhu	(°C)	72	65	58	53	49	45	40	39	34	30
Berat Labu Ukur + Air (W2)	gram	136.18	136.59	137.00	137.30	137.53	137.77	138.06	138.12	138.42	138.65
Specific Gravity (GS)	-	2.23	2.36	2.35	2.33	2.34	2.36	2.34	2.37	2.35	2.37
Rata-rata Specific Gravity	-	2.339									

Uraian	Satuan	Perhitungan									
Labu Ukur	-	3									
Berat Labu Ukur	gram	40.7									
Berat Tanah Kering (Ws)	gram	20									
Berat Labu Ukur + Air + Tanah (W1)	gram	148.2	150.1	150.3	150.8	151	151.2	151.4	151.9	152	152.2
Suhu	(°C)	75	68	61	55	49	44	40	38	36	30
Berat Labu Ukur + Air (W2)	gram	138.17	138.53	138.89	139.21	139.52	139.78	139.98	140.09	140.19	140.50
Specific Gravity (GS)	-	2.01	2.37	2.33	2.38	2.35	2.33	2.33	2.44	2.44	2.41
Rata-rata Specific Gravity	-	2.339									

Rata-rata Berat Jenis I, II, III = 2,330

G. Pemeriksaan Specific Gravity Campuran 8% AAT + 6% PPC

Uraian	Satuan	Perhitungan									
Labu Ukur	-	1									
Berat Labu Ukur	gram	59.7									
Berat Tanah Kering (Ws)	gram	20									
Berat Labu Ukur + Air + Tanah (W1)	gram	166.3	168	168.4	168.5	169.2	169.7	169.8	170.1	170.5	170.7
Suhu	(°C)	79	77	68	64	56	50	45	39	33	30
Berat Labu Ukur + Air (W2)	gram	156.37	156.48	156.98	157.21	157.65	157.99	158.26	158.60	158.93	159.10
Specific Gravity (GS)	-	1.99	2.36	2.33	2.30	2.37	2.41	2.36	2.35	2.37	2.38
Rata-rata Specific Gravity	-	2.322									

Uraian	Satuan	Perhitungan									
Labu Ukur	-	2									
Berat Labu Ukur	gram	37.2									
Berat Tanah Kering (Ws)	gram	20									
Berat Labu Ukur + Air + Tanah (W1)	gram	146.9	147.3	147.6	148	148.7	149.1	149.3	149.5	149.9	150
Suhu	(°C)	72	68	64	60	56	48	42	38	32	30
Berat Labu Ukur + Air (W2)	gram	136.18	136.41	136.65	136.89	137.12	137.59	137.95	138.18	138.54	138.65
Specific Gravity (GS)	-	2.16	2.19	2.21	2.25	2.37	2.35	2.31	2.30	2.32	2.31
Rata-rata Specific Gravity	-	2.278									

Uraian	Satuan	Perhitungan									
Labu Ukur	-	3									
Berat Labu Ukur	gram	40.7									
Berat Tanah Kering (Ws)	gram	20									
Berat Labu Ukur + Air + Tanah (W1)	gram	149.6	150	150.4	150.6	150.8	151.1	151.4	151.6	151.8	151.9
Suhu	(°C)	89	69	61	57	53	47	43	39	32	30
Berat Labu Ukur + Air (W2)	gram	137.44	138.48	138.89	139.10	139.31	139.62	139.83	140.04	140.40	140.50
Specific Gravity (GS)	-	2.55	2.36	2.35	2.35	2.35	2.35	2.37	2.37	2.33	2.32
Rata-rata Specific Gravity	-	2.371									

Rata-rata Berat Jenis I, II, III = 2,324

H. Pemeriksaan Specific Gravity Campuran 8% AAT + 8% PPC

Uraian	Satuan	Perhitungan									
Labu Ukur	-	1									
Berat Labu Ukur	gram	59.7									
Berat Tanah Kering (Ws)	gram	20									
Berat Labu Ukur + Air + Tanah (W1)	gram	167.2	168.5	168.9	169.2	169.4	169.6	170.1	170.3	170.4	170.6
Suhu	(°C)	77	69	62	55	51	44	37	34	31	30
Berat Labu Ukur + Air (W2)	gram	156.48	156.93	157.32	157.71	157.93	158.32	158.71	158.88	159.04	159.10
Specific Gravity (GS)	-	2.15	2.37	2.38	2.35	2.34	2.29	2.32	2.33	2.31	2.35
Rata-rata Specific Gravity	-	2.322									

Uraian	Satuan	Perhitungan									
Labu Ukur	-	2									
Berat Labu Ukur	gram	37.2									
Berat Tanah Kering (Ws)	gram	20									
Berat Labu Ukur + Air + Tanah (W1)	gram	147.3	147.8	148.4	148.7	148.9	149.2	149.5	149.7	149.9	150
Suhu	(°C)	78	63	60	55	51	46	43	38	33	30
Berat Labu Ukur + Air (W2)	gram	135.83	136.71	136.89	137.18	137.42	137.71	137.89	138.18	138.48	138.65
Specific Gravity (GS)	-	2.35	2.24	2.36	2.36	2.35	2.35	2.38	2.36	2.33	2.31
Rata-rata Specific Gravity	-	2.339									

Uraian	Satuan	Perhitungan									
Labu Ukur	-	3									
Berat Labu Ukur	gram	40.7									
Berat Tanah Kering (Ws)	gram	20									
Berat Labu Ukur + Air + Tanah (W1)	gram	148.3	149.9	150.4	150.5	150.9	151.1	151.3	151.6	151.7	151.9
Suhu	(°C)	77	65	61	57	50	46	42	37	32	30
Berat Labu Ukur + Air (W2)	gram	138.06	138.69	138.89	139.10	139.47	139.67	139.88	140.14	140.40	140.50
Specific Gravity (GS)	-	2.05	2.28	2.35	2.33	2.34	2.33	2.33	2.34	2.30	2.32
Rata-rata Specific Gravity	-	2.297									

Rata-rata Berat Jenis I, II, III = 2,319