

PERCENTAGE OF MATERIAL COMMONLY PASSING # 40 AND # 200 SIEVES

percent passing # 10	Clay		Silty Clay		Silty Clay Loam		Silt Loam		Silt		Sandy Clay		Clay Loam		Sandy Clay Loam		Loam		percent passing # 10
	percent passing # 40	percent passing # 200	percent passing # 40	percent passing # 200	percent passing # 40	percent passing # 200	percent passing # 40	percent passing # 200	percent passing # 40	percent passing # 200	percent passing # 40	percent passing # 200	percent passing # 40	percent passing # 200	percent passing # 40	percent passing # 200	percent passing # 40	percent passing # 200	
5	4-5	4-5	5	4-5	5	4-5	4-5	4	5	4-5	4-5	2-3	4-5	4	4	2-3	4-5	3-4	5
10	9-10	8-10	10	9-10	10	8-10	9-10	7-9	10	9-10	8-10	4-6	9-10	7-8	8-9	4-6	8-10	6-8	10
15	14-15	11-14	14-15	14	14-15	13-14	14-15	10-14	15	14-15	13-14	7-9	14-15	10-12	12-14	5-8	13-14	9-11	15
20	18-20	15-19	19-20	18-19	19-20	17-19	18-20	14-18	20	18-20	17-19	9-12	18-20	14-16	16-18	7-11	17-19	12-15	20
25	22-25	19-24	24-25	22-24	24-25	21-24	22-25	18-22	25	22-25	21-24	11-15	22-25	18-20	20-22	9-14	21-24	15-19	25
30	27-30	22-28	28-30	27-28	28-30	26-28	27-30	21-27	30	27-30	26-28	14-18	27-30	21-24	24-27	10-16	26-38	18-22	30
35	32-35	26-33	33-35	32-33	33-35	30-33	32-35	24-32	35	32-35	30-33	16-21	32-35	24-28	28-32	12-19	30-33	21-26	35
40	36-40	30-38	38-40	36-38	38-40	34-38	36-40	28-36	40	36-40	34-38	18-24	36-40	28-32	32-36	14-22	34-38	24-30	40
45	40-45	34-43	43-45	40-43	43-45	38-43	40-45	32-40	45	40-45	38-43	20-27	40-45	32-36	36-40	16-25	38-43	27-34	45
50	45-50	38-48	48-50	45-48	48-50	42-48	45-50	35-45	50	45-50	42-48	22-30	45-50	35-40	40-45	18-28	42-48	30-38	50
55	50-55	41-52	52-55	50-52	52-55	47-52	50-55	38-50	55	50-55	47-52	25-33	50-55	38-44	44-50	19-30	47-52	33-41	55
60	54-60	45-57	57-60	54-57	57-60	51-57	54-60	42-54	60	54-60	51-57	27-36	54-60	42-48	48-54	21-33	51-57	36-45	60
65	58-65	49-62	62-65	58-62	62-65	55-62	58-65	46-58	65	58-65	55-62	29-39	58-65	46-52	52-58	23-36	55-62	39-49	65
70	63-70	52-66	66-70	63-66	66-70	60-66	63-70	49-63	70	63-70	60-66	32-42	63-70	49-56	56-63	24-38	60-66	42-52	70
75	68-75	56-71	71-75	68-71	71-75	64-71	68-75	52-68	75	68-75	64-71	34-45	68-75	52-60	60-68	26-41	64-71	45-56	75
80	72-80	60-76	76-80	72-76	76-80	68-76	72-80	56-72	80	72-80	68-76	36-48	72-80	56-64	64-72	28-44	68-76	48-60	80
85	76-83	64-81	81-85	76-81	81-85	72-81	76-85	60-76	85	76-85	72-81	38-51	76-85	60-68	68-76	30-47	72-81	51-64	85
90	81-90	68-86	86-90	81-86	86-90	76-86	81-90	63-81	90	81-90	76-86	40-54	81-90	63-72	72-81	32-50	76-86	54-68	90
95	86-95	71-90	90-95	86-90	90-95	81-90	86-95	66-86	95	86-95	81-90	43-57	86-95	66-76	76-86	33-56	81-90	57-71	95
100	90-100	75-95	95-100	90-95	95-100	85-95	90-100	70-90	100	90-100	85-95	45-60	90-100	70-80	80-90	35-55	85-95	60-75	100

percent passing # 10	Very Fine Sandy Loam		Fine Sandy Loam		Sandy Loam		Loamy Very Fine Sand		Loamy Fine Sand		Loamy Sand		Very Fine Sand		Fine Sand		Sand		percent passing # 10
	percent passing # 40	percent passing # 200	percent passing # 40	percent passing # 200	percent passing # 40	percent passing # 200	percent passing # 40	percent passing # 200	percent passing # 40	percent passing # 200	percent passing # 40	percent passing # 200	percent passing # 40	percent passing # 200	percent passing # 40	percent passing # 200	percent passing # 40	percent passing # 200	
5	4-5	2-3	4	2-3	3-4	2	4-5	2-3	3-4	1-3	2-4	1-2	4	2-3	3-4	1-2	2-4	0-1	5
10	8-10	5-6	7-8	4-6	6-7	3-4	9-10	4-6	7-9	3-5	5-8	2-3	8-9	4-6	6-8	2-4	5-7	0-2	10
15	13-14	8-10	10-13	6-8	9-10	4-6	14-15	6-9	10-12	4-6	8-11	2-4	11-14	5-8	10-12	3-5	8-10	1-2	15
20	17-19	10-13	14-17	8-11	12-14	6-8	18-19	8-12	14-18	5-10	10-15	3-6	15-18	7-11	13-16	4-7	10-14	1-3	20
25	21-24	12-16	18-21	10-14	15-18	8-10	22-24	10-15	17-21	6-12	12-19	4-8	19-22	9-14	16-20	5-9	12-18	1-4	25
30	26-28	15-20	21-26	12-16	18-21	9-12	27-28	12-18	21-25	8-14	15-22	4-9	22-27	10-16	20-24	6-10	15-21	2-4	30
35	30-33	18-23	24-30	14-19	21-24	10-14	32-33	14-21	25-30	10-15	18-26	5-10	26-32	12-19	23-28	7-12	18-24	2-5	35
40	34-38	20-26	28-34	16-22	24-28	12-16	36-38	16-24	27-34	11-18	20-30	6-12	30-36	14-22	26-32	8-14	20-28	2-6	40
45	38-43	22-29	32-38	18-25	27-32	14-18	40-43	18-27	33-38	13-20	22-34	7-14	34-40	16-25	29-36	9-16	22-32	2-7	45
50	42-48	25-32	35-42	20-28	30-35	15-20	45-48	20-30	35-43	14-22	25-38	8-15	38-45	18-28	32-40	10-18	25-35	2-8	50
55	47-52	28-36	38-47	22-30	33-38	16-22	50-52	22-33	39-47	15-25	28-41	8-16	41-50	19-30	36-44	11-19	28-38	3-8	55
60	51-57	30-39	42-51	24-33	36-42	18-24	54-57	24-36	42-51	17-27	30-45	9-18	45-54	21-33	39-48	12-21	30-42	3-9	60
65	55-62	32-42	46-55	26-36	39-46	20-26	58-62	26-39	45-56	18-30	32-49	10-20	49-58	23-36	42-52	13-23	32-46	3-10	65
70	60-66	35-46	49-60	28-38	42-49	21-28	63-66	28-42	49-59	19-32	35-52	10-21	52-63	24-38	46-56	14-24	35-49	4-10	70
75	64-71	38-49	52-64	30-41	45-52	22-30	68-71	30-45	53-64	20-34	38-56	11-22	56-68	26-41	49-60	15-26	38-52	4-11	75
80	68-76	40-52	56-68	32-44	48-56	24-32	72-76	32-48	56-68	22-36	40-60	12-24	60-72	28-44	52-64	16-28	40-56	4-12	80
85	72-81	42-55	60-72	34-47	51-60	26-34	76-81	34-51	59-73	24-39	42-64	13-26	64-76	30-47	55-68	17-30	42-60	4-13	85
90	76-86	45-58	63-76	36-50	54-63	27-36	81-86	36-54	63-77	25-41	45-68	14-27	68-81	32-50	58-72	18-32	45-63	4-14	90
95	81-90	48-62	66-81	38-52	57-66	28-38	86-90	38-57	67-81	26-43	48-71	14-28	71-86	33-52	62-76	19-33	48-66	5-14	95
100	85-95	50-65	70-85	40-55	60-70	30-40	90-95	40-60	70-85	28-45	50-75	15-30	75-90	35-55	65-80	20-35	50-70	5-15	100

Use table when engineering test data are not available.