

MIL-P-85891



MM	MESH	12-16	12-20	16-20	20-30	20-40	20-50	30-40	40-60	60-80	
		% ON	% ON	% ON	% ON	% ON	% ON	% ON	% ON	% ON	
2.000	10	0 - 0,1	0 - 0,1								
1.680	12	0 - 5	0 - 5	0 - 0,1							
1.190	16	75 - 100	75 - 100	0 - 15	0 - 0,1	0 - 0,1	0 - 0,1				
0.840	20	0 - 20	100	65 - 100	0 - 15	0 - 15	0 - 15				
0.710	25		0 - 20	0 - 20	65 - 100	65 - 100	65 - 100	0 - 0,1			
0.590	30							0 - 15			
0.500	35		0 - 5	0 - 5	0 - 20			65 - 100	0 - 0,1		
0.420	40							0 - 5			
0.297	50				0 - 5	0 - 20		0 - 20	75 - 100	0 - 0,1	
0.250	60						0 - 20		100	0 - 5	
0.177	80					0 - 5		0 - 5	0 - 20	75 - 100	
0.149	100	0 - 1	0 - 1	0 - 1	0 - 2	0 - 2	0 - 2	0 - 3	0 - 5	0 - 20	
										0 - 5	

U.S. MESH	OPENING		
	MILLIMETER	INCHES	MICRONS
4	4.76	.187	4760
5	4.00	.157	4000
6	3.36	.132	3360
7	2.83	.111	2830
8	2.38	.0937	2380
10	2.00	.0787	2000
12	1.68	.0661	1680
14	1.41	.0555	1410
16	1.19	.0469	1190
18	1.00	.0394	1000
20	0.84	.0331	840
25	0.71	.0280	710
30	0.59	.0232	590
35	0.50	.0197	500
40	0.42	.0165	420
45	0.35	.0138	350
50	0.297	.0117	297
60	0.250	.0098	250
70	0.210	.0083	210
80	0.177	.0070	177
100	0.149	.0059	149
120	0.125	.0049	125
140	0.105	.0041	105
170	0.088	.0035	88
200	0.074	.0029	74
230	0.062	.0024	62
270	0.053	.0021	53
325	0.044	.0017	44
400	0.037	.0015	37

Table II: Delete table II and insert new a new table II as follows:

Table II. Particle size distribution.

U.S. Standard Screen Size	12-20		12-16		16-20		20-30		20-40		20-50		30-40		40-60		60-80		
	Maximum % Retain	Maximum % Pass	Maximum % Retain	Maximum % Pass	Maximum % Retain	Maximum % Pass	Maximum % Retain	Maximum % Pass	Maximum % Retain	Maximum % Pass	Maximum % Retain	Maximum % Pass	Maximum % Retain	Maximum % Pass	Maximum % Retain	Maximum % Pass	Maximum % Retain	Maximum % Pass	
10	0.1	---	0.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
12	5.0	---	5.0	---	0.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	20	15	---	0.1	---	0.1	---	0.1	---	---	---	---	---	---	---	---
20	---	20	---	5.0	---	20	15	---	15	---	15	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---	0.1	---	---	---	---	---	---
30	---	5.0	---	---	---	5.0	---	20	---	60	---	75	15	---	---	---	---	---	---
35	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.1	---	---	---	---
40	---	---	---	---	---	---	---	5.0	---	---	---	---	---	20	5.0	---	---	---	---
50	---	---	---	---	---	---	---	---	---	---	---	20	---	---	---	0.1	---	---	---
60	---	---	---	---	---	---	---	---	---	5.0	---	---	---	5.0	---	---	5.0	---	---
80	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	20
100	---	1.0	---	1.0	---	1.0	---	2.0	---	2.0	---	2.0	---	3.0	---	5.0	---	---	5.0