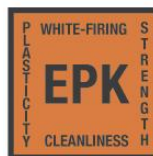




Typical Particle Size Analysis and Properties
 Filter Media with Uniformity Co-efficient >1.50

Mesh ASTM E-11	Effective Size (mm)					
	.35 - .45	.50 - .60	.55 - .65	.75 - .85	.80 - .90	.85 - .95
8	0.0	0.0	0.0	1.5	2.1	2.4
10	0.0	0.0	0.0	4.4	6.1	6.9
12	0.0	0.0	0.0	7.9	11.1	12.5
14	0.2	0.2	0.3	16.1	22.4	25.3
16	1.1	1.5	2.2	16.0	21.3	23.6
18	10.5	15.1	22.6	19.2	14.8	12.8
20	14.2	21.8	31.2	21.0	13.2	9.7
25	6.2	22.1	19.8	9.1	5.7	4.2
30	5.9	22.8	13.8	2.6	1.7	1.3
35	26.6	11.6	6.8	1.1	0.8	0.6
40	20.7	3.1	2.0	0.5	0.4	0.3
45	10.7	1.3	0.8	0.3	0.2	0.2
50	2.5	0.3	0.2	0.1	0.1	0.0
60	0.9	0.1	0.0	0.0	0.0	0.0
70	0.4	0.0	0.0	0.0	0.0	0.0
100	0.0	0.0	0.0	0.0	0.0	0.0
Pan	0.0	0.0	0.0	0.0	0.0	0.0
Avg. Effective Size (mm)	0.40	0.54	0.60	0.79	0.86	0.90
Avg. Uniformity Co-efficient	1.50	1.55	1.55	1.60	1.65	1.65

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Typical Particle Size Analysis and Properties
 Filter Media with Uniformity Co-efficient <1.50

Mesh	Effective Size (mm)					
ASTM E-11	.35 - .45	.40 - .50	.60 - .70	.70 - .80	.75 - .85	1.0 - 1.5
4	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.1	0.0	0.0	0.0
8	0.0	0.0	5.6	0.8	1.1	3.6
10	0.0	0.0	25.4	2.2	4.2	13.8
12	0.0	0.0	34.3	4.0	5.4	18.1
14	0.0	0.0	20.3	8.3	8.6	28.6
16	0.1	0.0	10.1	9.5	12.1	25.2
18	0.0	0.0	3.4	24.6	23.7	9.3
20	0.8	2.7	0.4	30.8	28.1	1.0
25	6.7	19.8	0.2	13.3	13.1	0.2
30	15.1	34.3	0.0	3.7	2.7	0.1
35	35.2	29.5	0.0	1.6	0.7	0.0
40	24.9	6.7	0.0	0.7	0.1	0.0
45	12.8	2.9	0.0	0.3	0.1	0.0
50	2.9	1.3	0.0	0.1	0.0	0.0
Pan	1.5	1.0	0.0	0.1	0.0	0.0
Avg. Effective Size (mm)	0.39	0.46	0.66	0.75	0.78	1.17
Avg. Uniformity Co-efficient	1.43	1.43	1.45	1.43	1.43	1.42

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Typical Particle Size Analysis and Properties
 Filter Media with Uniformity Co-efficient <1.40

Mesh	Effective Size (mm)					
ASTM E-11	.30 - .40	.45 - .55	.50 - .60	.55 - .65	.65 - .75	.70 - .80
12	0.1	0.0	0.0	0.0	0.0	2.9
14	0.1	0.0	0.0	0.1	0.1	5.9
16	0.1	0.0	0.6	2.3	6.0	7.9
18	0.1	0.0	6.4	10.5	27.2	27.6
20	0.1	3.1	11.8	16.5	36.5	33.9
25	0.1	22.8	26.6	26.2	19.6	13.6
30	7.4	37.5	34.0	31.0	7.6	3.8
35	44.6	25.9	15.6	11.3	2.4	1.5
40	28.5	5.4	3.7	1.4	0.3	0.6
45	13.6	2.2	1.0	0.4	0.1	0.3
50	3.4	0.9	0.2	0.1	0.1	0.1
60	1.6	0.7	0.1	0.1	0.1	0.0
70	0.0	0.4	0.0	0.1	0.0	0.0
100	0.0	0.5	0.0	0.0	0.0	0.0
Pan	0.0	0.3	0.0	0.0	0.0	0.0
Avg. Effective Size (mm)	0.38	0.49	0.53	0.57	0.70	0.75
Avg. Uniformity Co-efficient	1.39	1.36	1.39	1.39	1.39	1.39

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