

Sieve Opening		Sieve Designation				
Microns	Inches	U.S. Standard ASTME 11-61 USS Mesh	Tyler Standard Mesh	British Standard BSS: 410 Mesh	Hegman Gauge	NPIRI *
500	0.0197	No. 35	32	30	–	–
420	0.0165	No. 40	35	36	–	–
354	0.0139	No. 45	42	44	–	–
297	0.0117	No. 50	48	52	–	–
250	0.0098	No. 60	60	60	–	–
210	0.0083	No. 70	65	72	–	–
177	0.0070	No. 80	80	85	–	–
149	0.0059	No. 100	100	100	–	–
125	0.0049	No. 120	115	120	–	–
105	0.0041	No. 140	150	150	–	–
101.6	0.0040	–	–	–	0	–
95.25	0.0037	–	–	–	1/2	–
88.9	0.0035	–	–	–	1	–
88		No. 170	170	170	–	–
82.55	0.0032	–	–	–	1 1/2	–
76.2	0.0030	–	–	–	2	–
74	0.0029	No. 200	200	200	–	–
69.85	0.0027	–	–	–	2 1/2	–
63.5	0.0025	–	–	–	3	–
63		No. 230	250	240	–	–
57.15	0.0022	–	–	–	3 1/2	–
53	0.0021	No. 270	270	300	–	–
50.85	0.0020	–	–	–	4	–
44.45	0.0017	–	–	–	4 1/2	–
44		No. 325	325	350	–	–
38.1	0.0015	–	–	–	5	–
37		No. 400	400	400	–	–
32	0.0013	No. 450	450	440	–	–
31.75	0.0012	–	–	–	5 1/2	–
25.04	0.0010	–	–	–	6	–
25	0.0010	No. 500	500	–	–	10
22.86	0.0009	–	–	–	–	9
20.32	0.0008	–	–	–	–	8
20		No. 635	635	–	–	–
19.05		–	–	–	6 1/2	–
17.78	0.0007	–	–	–	–	7
15.24	0.0006	–	–	–	–	6
13		No. 1000	1000	–	–	–
12.7	0.0005	–	–	–	7	5
10.16	0.0004	–	–	–	–	4
10		–	1250	–	–	–
7.62	0.0003	–	–	–	–	3
6.35		–	–	–	7 1/2	–
6		No. 2300	–	–	–	–
5.08	0.0002	–	–	–	–	2
5		–	5000	–	–	–
2.54	0.0001	–	–	–	–	1

* The National Printing Ink Research Institute

PolyGroup Inc.
 Cincinnati, OH
 877-4POLYPARTICLES (476-5972)
 Email: info@PolyGroupInc.com
www.PolyGroupInc.com