

**SYNTHETIC ABRASIVE GRAIN SIZES
AVERAGE PARTICLE SIZE**

<u>GRIT NUMBER</u>	<u>INCHES</u>	<u>MICRONS</u>
6	0.120	3070
8	0.087	2210
10	0.073	1854
12	0.063	1600
14	0.053	1346
16	0.043	1092
20	0.037	940
24	0.027	686
30	0.022	559
36	0.019	483
46	0.014	356
54	0.012	305
60	0.010	254
70	0.008	203
80	0.0065	165
90	0.0057	145
100	0.0048	122
120	0.0040	102
150	0.0035	89
180	0.0030	76
220	0.0025	63
240	0.0021	53
280	0.0015	37
320	0.0012	30
400	0.00071	18
500	0.00051	13
600	0.00035	9
800	0.00028	7
1000	0.00020	5
1200	0.00012	3

Abrasive sizes 240 and coarser are controlled by screen tests in accordance with American National Standards Institute (ANSI) B74.12-1976.

Finer sizes are tested by Sedimentation or Microscopic methods for conformity to established standards.