



GNP Graystar

Specialty Materials

ANSI Table 3

rev. 02/2020

Grit No.	*Sieve through which 100% must pass	Control *Sieve		Max. of oversize on Control *Sieve (%)	Min. through Control *Sieve and Retained		Cumulative Min. through Control *Sieve and Retained		Max of 5% through *Sieve No.
		No.	Opening (inches)		%	On Sieve No.	%	On Sieve No.	
16	8	14	0.0555	25	35	16	70	16 & 18	25
20	10	16	0.0469	25	35	18	70	18 & 20	30
24	14	18	0.0394	25	35	20	60	20 & 25	40
30	16	20	0.0331	30	45	30	60	30 & 35	45
36	18	25	0.0278	15	50	35	80	35 & 40	50
46	25	40	0.0165	30	30	45	55	45 & 50	70
54	30	45	0.0139	35	25	50	60	50 & 60	80
60	35	50	0.0117	35	35	60	60	60 & 70	100
70	40	60	0.0098	25	35	70	65	70 & 80	120
80	45	70	0.0083	35	30	80	60	80 & 100	140
90	50	80	0.0070	25	35	100	60	100 & 120	170
100	60	100	0.0059	25	30	120	55	120 & 140	230
120	70	120	0.0049	25	20	140	50	140 & 170	270
150	80	140	0.0041	25	30	200	60	200 & 230	325
180	80	170	0.0035	20	30	200 & 230	60	200, 230, & 270	-
220	100	200	0.0029	15	30	230 & 270	50	230, 270, & 325	-
240	120	200	0.0029	10	5	230 & 270	30	230, 270, & 325	-

Table 3: Is the allowable limits for the sizing of abrasive grain for use in other general industrial uses such as pressure blasting and Lithoplate graining, as taken from the ANSI B74.12 - 2018 Specifications for Macrogrit abrasive grain sizing.

*Sieves are those from the United States Sieves Series.

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