



GNP Graystar

Specialty Materials

Diamond Powder Sizing

rev. 02/2020

Size			D10	D50	D90	D99
0.025			> 0.02	0.11-0.13	< 0.3	< 0.4
0-0.5	W0.5	60000#	> 0.05	0.21-0.25	< 0.5	< 0.7
0-1	W1	28000#	> 0.05	0.4-0.5	< 1.0	< 1.4
0-1.5			> 0.1	0.6-0.75	< 1.5	< 2.1
0.2	W1.5	14000#	> 0.1	0.85-1.0	< 2.0	< 2.8
0.5-1			> 0.4	0.65-0.75	< 1.2	< 1.4
1-2		13000#	> 0.90	1.35-1.5	< 2.2	< 2.8
1-3	W2.5	12000#	> 1.0	1.7-1.9	< 3.0	< 4.2
2-3			> 1.4	2.0-2.3	< 3.2	< 4.2
2-4	W3.5	8000#	> 1.7	2.65-3.0	< 4.1	< 5.6
2.5-5	W5	6000#	> 2.3	3.1-3.4	< 5.1	< 7.0
3-5			> 2.5	3.3-3.8	< 5.4	< 7.5
3-6		5000#	> 2.8	4.1-4.4	< 6.0	< 8.4
4-6			> 3.2	4.4-4.8	< 6.2	< 8.4
5-7	W7	3000#	> 3.5	4.9-5.5	< 7.2	< 9.8
4-8	W7	3000#	> 3.8	5.5-5.9	< 8.0	> 11.2
5-10	W10		> 4.8	6.5-7.0	< 10.0	> 14.0
7-10			> 5.5	7.5-8.0	< 11.0	< 14.0
6-12		1800#	> 5.8	8.0-8.5	< 12.0	< 16.8
7-14	W14	1600#	> 7.0	9.5-10.0	< 14.0	< 19.6
10-15			> 7.5	10.0-11.0	< 15.5	< 20.5
8-16			> 8.0	11.0-12.0	< 16.0	< 22.4
10-20	W20	1200#	> 9.8	13.5-14.5	< 20.0	< 28.0
12-22		1100#	> 11.5	15.5-16.0	< 22.5	< 30.8
15-25		1000#	> 13	17.5-18.5	< 25.5	< 35.0
20-30	W28	800#	> 16	21.0-22.5	< 31.5	< 42.0
20-40			> 20.0	25.0-27.0	< 40.0	< 56.0
22-36		700#	> 18.0	26.0-29.0	< 36.5	< 50.0
30-40	W40	600#	> 22.0	30.0-32.0	< 42.0	< 56.0
36-54		500#	> 28.0	36.0-39.0	< 54.0	< 76.0
40-50	W50	500#	> 26.0	36.0-39.0	< 51.0	< 70.0
40-60	W60	400/500#	> 30.0	40.0-44.0	< 62.0	< 84.0

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