Silicon Carbide Powder Sizes Specifications

	Particle Distribution(microns)			Chemical Content			Physical Specifications		
Size#	D3 Max	D50	D94 Min	SiC ≥ (%)	Fe2O3 ≤(%)	F•C ≤(%)	PH Value	Bulk Density	Magnetic Content≤(%)
C#800	≤20.0	14.0±1.0	≥9.0	99.00	0.20	0.2	6--8	1.18	0.008
C#1000	≤18.3	11.5±1.0	≥7.0	98.50	0.20	0.2	6--8	1.15	0.008
C#1200	≤17.5	9.5±0.8	≥5.5	98.50	0.20	0.2	6--8	1.13	0.005
C#1500	≤14.5	8.0±0.6	≥4.5	98.00	0.20	0.2	6--8	1.12	0.005
C#1800	≤13.5	7.0±0.6	≥4.2	98.00	0.20	0.2	6--8	1.05	0.005
C#2000	≤13.0	6.7±0.6	≥4.0	98.00	0.20	0.2	6--8	1.00	0.005

Black Silicon Carbide(C) Powder

Japanese Industrial Standards JIS R6001-1987

	Particle Distribution (C Powder)					
Size	Max Size	D3	D50	D94	Sic≧	F.C ≤
#240	127	103 Max	57.0±3.0	40 Min	99%	0.15%
#280	112	87 Max	48.0±3.0	33 Min	99%	0.15%
#320	98	74 Max	40.0±2.5	27 Min	99%	0.15%
#360	86	66 Max	35.0±2.0	23 Min	99%	0.15%
#400	75	58 Max	30.0±2.0	20 Min	99%	0.15%
#500	63	50 Max	25.0±2.0	16 Min	99%	0.15%
#600	53	41 Max	20.0±1.5	13 Min	99%	0.15%
#700	45	37 Max	17.0±1.3	11 Min	99%	0.15%
#800	38	31 Max	14.0±1.0	9.0 Min	99%	0.15%
#1000	32	27 Max	11.5±1.0	7.0 Min	99%	0.15%
#1200	27	23 Max	9.5±0.8	5.5 Min	99%	0.15%
#1500	23	19 Max	8.0±0.6	4.5 Min	99%	0.15%
#2000	19	16 Max	6.7±0.6	4.0 Min	99%	0.15%
#2500	16	13 Max	5.5±0.5	3.0 Min	99%	0.15%
#3000	13	11 Max	4.0±0.5	2.0 Min	98.5%	0.15%
#4000	11	8.0 Max	3.0±0.4	1.3 Min	98.5%	0.15%
#6000	8	5.0 Max	2.0±0.4	0.8 Min	97%	0.15%

Green Silicon Carbide (GC) Powder

Japanese Industrial Standards JIS R6001-1987

	Particle Distribution (GC Powder)					
Size	Max	D3	D50	D94	Sic≧	F.C ≤
#240	127	103 Max	57.0±3.0	40 Min	99%	0.15%
#280	112	87 Max	48.0±3.0	33 Min	99%	0.15%
#320	98	74 Max	40.0±2.5	27 Min	99%	0.15%
#360	86	66 Max	35.0±2.0	23 Min	99%	0.15%
#400	75	58 Max	30.0±2.0	20 Min	99%	0.15%
#500	63	50 Max	25.0±2.0	16 Min	99%	0.15%
#600	53	41 Max	20.0±1.5	13 Min	99%	0.15%
#700	45	37 Max	17.0±1.3	11 Min	99%	0.15%
#800	38	31 Max	14.0±1.0	9.0 Min	99%	0.15%
#1000	32	27 Max	11.5±1.0	7.0 Min	99%	0.15%
#1200	27	23 Max	9.5±0.8	5.5 Min	99%	0.15%
#1500	23	19 Max	8.0±0.6	4.5 Min	99%	0.15%
#2000	19	16 Max	6.7±0.6	4.0 Min	99%	0.15%
#2500	16	13 Max	5.5±0.5	3.0 Min	99%	0.15%
#3000	13	11 Max	4.0±0.5	2.0 Min	98.5%	0.15%
#4000	11	8.0 Max	3.0±0.4	1.3 Min	98.5%	0.15%
#6000	8	5.0 Max	2.0±0.4	0.8 Min	97%	0.15%