



Luoyang Zhongsen Refractory Co., Limited
Yaowan Village, South Dukang Road, Yichuan County, Luoyang City, Henan Province, P.R. CHINA
TEL: 0086-379-69351288 WEB: www.zhongsen-refractory.com

Certificate of Analysis-Green Silicon Carbide

General Information

Product : Green Silicon Carbide for Abrasive Tools, Sandblasting
Other Names : Green Silicon Carbide, Green SiC
Country of Origin : China
Manufacturer of Material : Luoyang Zhongsen Refractory Co., Limited
Features : Hard, Good Abrasive Ability, Ideal for Abrasive, Blasting,
Polishing
Picture of Product:



Physical Specifications & Package

Main Content : SiC
Specific Gravity : $\geq 3.15 \text{ g/cm}^3$
Bulk Density : 1.20-1.60 kg / m³
Hardness : 9.20 MOSH
Color : Green
Melting Point : 2700°C
Sizes Available : FEPA F16-F220
Package : 1 Ton Big Bag, 25kg Bag and 40 Bags on a Pallet



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Particle Distribution & Chemical Content

Physical Analysis	Grit#	Max Size	Big Size	Basic Size	Mixed Size	Small Size	Chemical Analysis	
	GSiC36	+0.85	+0.60	+0.50	+0.425	-0.355	SiC	99.53%
	Standard	0%	0-25%	45-100%	65-100%	0-3%	Fe ₂ O ₃	0.06%
	Sample 1	0	8.5	50.8	90	0.1	Free C	0.08%
	Sample 2	0	8.5	50.8	90	0.1		
Physical Analysis	Grit#	Max Size	Big Size	Basic Size	Mixed Size	Small Size	Chemical Analysis	
	GSiC60	+0.425	+0.30	+0.25	+0.212	-0.18	SiC	99.25%
	Standard	0%	0-30%	40-100%	65-100%	0-3%	Fe ₂ O ₃	0.11%
	Sample 1	0	13.1	46.2	76.6	1.2	Free C	0.10%
	Sample 2	0	13.1	46.2	76.6	1.2		
Physical Analysis	Grit#	Max Size	Big Size	Basic Size	Mixed Size	Small Size	Chemical Analysis	
	GSiC80	+0.300	+0.212	+0.180	+0.150	-0.125	SiC	99.08%
	Standard	0%	0-25%	40-100%	65-100%	0-3%	Fe ₂ O ₃	0.16%
	Sample 1	0	6	53	87	1.5	Free C	0.14%
	Sample 2	0	6	53	87	1.5		
Physical Analysis	Grit#	Max Size	Big Size	Basic Size	Mixed Size	Small Size	Chemical Analysis	
	GSiC100	+0.212	+0.150	+0.125	+0.106	-0.075	SiC	99.22%
	Standard	0%	0-20%	40-100%	65-100%	0-3%	Fe ₂ O ₃	0.15%
	Sample 1	0	15.13	52.5	71.3	0.3	Free C	0.13%
	Sample 2	0	15.13	52.5	71.3	0.3		
Physical Analysis	Grit#	Max Size	Big Size	Basic Size	Mixed Size	Small Size	Chemical Analysis	
	GSiC150	+0.150	+0.106	+0.075	+0.063	-0.045	SiC	99.10%
	Standard	0%	0-15%	40-100%	65-100%	0-3%	Fe ₂ O ₃	0.15%
	Sample 1	0	5.5	66.59	84.73	0.3	Free C	0.14%
	Sample 2	0	5.5	66.59	84.73	0.3		
Physical Analysis	Grit#	Max Size	Big Size	Basic Size	Mixed Size	Small Size	Chemical Analysis	
	GSiC180	+0.125	+0.090	+0.063	+0.053		SiC	98.87%
	Standard	0%	0-15%	40-100%	65-100%		Fe ₂ O ₃	0.17%
	Sample 1	0	9.8	55.3	72.4		Free C	0.16%
	Sample 2	0	9.8	55.3	72.4			