



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

Certificate of Analysis-Black Silicon Carbide

General Information

Product : Black Silicon Carbide for Refractories
Other Names : Black Silicon Carbide, Black SiC, C
Country of Origin : China
Manufacturer of Material : Luoyang Zhongsen Refractory Co., Limited
Features : High Purity, Chemical Stability

Picture of Product:



Physical Specifications & Package

Main Content : SiC
Specific Gravity : $\geq 3.15 \text{ g/cm}^3$
Bulk Density : $1.20\text{-}1.60 \text{ kg/m}^3$
Hardness : 9.20 MOSH
Color : Black
Melting Point : 2700°C
Sizes Available : 0-1-3-5-8mm, 100mesh, 200mesh, 325mesh
Package : Jumbo Bag



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Particle Distribution & Chemical Content

Refractory Black Silicon Carbide

Physical Analysis	0-1mm	+18	+35	+60	+120
		3	48	76	91
	1-3mm	+4	+2	+1	+0.5
		0	16	92	99.5
	3-5mm	+6.73	+4	+2	
		0	25	99.5	
	5-8mm	+8	+6.7	+4	
		0	30	69	
Chemical Analysis		SiC	Free C	Fe ₂ O ₃	H ₂ O
	0-1mm	98.39	0.08	0.26	0.25
	1-3mm	98.45	0.06	0.21	0.23
	3-5mm	98.51	0.05	0.20	0.23
	5-8mm	98.55	0.05	0.21	0.22

Other Sizes Available on Request: 100esh, 200mesh, 325mesh, 0-0.1mm, 0-0.2mm, 0-0.5mm, 0.5-1mm etc