

Silicon Carbide for refractory use

Grit size 8-5,5-3,3-1, 1 MM F, 3 MM F, 200F

Component				
SiC	98%min	96% min	90% min	85% min
F. C	0.5% max	1% max	4% max	5% max
SiO ₂	1% max	1.5% max	3% max	3% max
Fe ₂ O ₃	0.4% max	1% max	1.5% max	2% max
Si	0.5% max	0.5% max	1% max	1% max
Al	0.2% max	0.3% max	0.5% max	0.5% max
S	0.1% max	0.1% max	0.1% max	0.1% max
Porosity	8% max			

Size Distribution

Grit Size (Unit: MM)	8-5 MM	5-3 MM	3-1 MM	3 MM F	1 mm F	200 F
7.93 up	0-10%					
6.73 up	2-40%	0				
4 up	55%min	2-30%	0	0		
2 up		90%min	5-30%	5-30%	0	
1 up			80-100%	15-60%	0-10%	
0.5 up			95%min	25-80%	20-50%	
0.25 up				45-90%	40-80%	
0.125 up				70%min	60-95%	0-15%
0.074 up					80%min	5-30%
0.044 up						20-50%