

Green Silicon Carbide



It is green and features high hardness, strong cutting force, steady chemical property, and good capacity of heat-transmission. Its Knoop hardness is 3280-3400kg/mm². It can be used for making bonded and coated abrasives. It is suitable for the grinding of cast iron, hard alloy, titanium alloy, high speed steel. It can also be used for polishing non-metal material, such as glass, ceramics, stones, semiconductor, agates, jades, as well as making super refractories, engineering ceramics, heat elements and heat energy elements, etc.

Chemical Composition

Grit	SiC (%)	C (%)	Fe ₂ O ₃ (%)
#20-#90	≥ 99.0	≤ 0.2	0.5
#100-#180	≥ 98.5	≤ 0.25	0.7
#220-#240	≥ 97.5	≤ 0.25	0.7
W63-W20	≥ 97.0	≤ 0.3	0.7
W14-W10	≥ 95.5	≤ 0.3	0.7
W7-W5	≥ 94.0	≤ 0.3	0.7

Available Sizes:

#24-#8000

Applications

- Bonded and coated abrasives
- Industrial application such as the production of silicon carbide rod, automotive brakes
- Lapping and blasting 研磨和抛光

- Refractory materials
- Ceramics application

Room 801, Building C3,
Qilu E-commerce Valley, No.139 Liuquan Road,
Zibo High-tech Zone, Shandong, China 255086
Tel: +86-533-3171838
Email: Tea.song@jct-abrasives.com
Website: www.jct-abrasives.com

