

Silicon Carbide



Silicon Carbide is an angular and very hard media that is manmade. At just over 9.0 on the moh scale, Silicon Carbide is the hardest abrasive on the market only to Diamonds being harder at 10.0 moh's. Silicon Carbide has many applications, but in the abrasive blasting industry, it is used mostly to etch glass and carve stone. Silicon Carbide's hardness provides very fast cutting speeds and due to its high cost and great recyclability properties, this media is best used in a blast cabinet or blast room.

Sizes: 8 grit up to 1200 grit

MOH's Hardness: 9.1 to 9.5 Average MOHS

Silicon Carbide's Discovery

"It started about 100 years ago. A struggling scientist, Dr. Edward Acheson, employed by Thomas Edison, dreamed of becoming wealthy. What better way to riches, he reasoned, than by making artificial diamonds?"

The determined young man attached one lead from a dynamo to a discarded plumber's bowl, filled the bowl with clay and powdered coke, inserted the other lead into the mix and threw the switch. Nothing seemed to happen. He was disappointed until he noticed a few bright specks on the end of the leads. When he drew one lead across a pane of glass, it cut like a diamond. This young scientist had invented silicon carbide (SiC), the first man-made abrasive and substance hard enough to cut glass. Acheson's discovery became Carborundum, the trademark for silicon carbide and the company he started, Carborundum Corporation."

Packaging Types



50 lb Bags



50 lb Pails



300 lb Fiber Drums



2000 lb Pallets