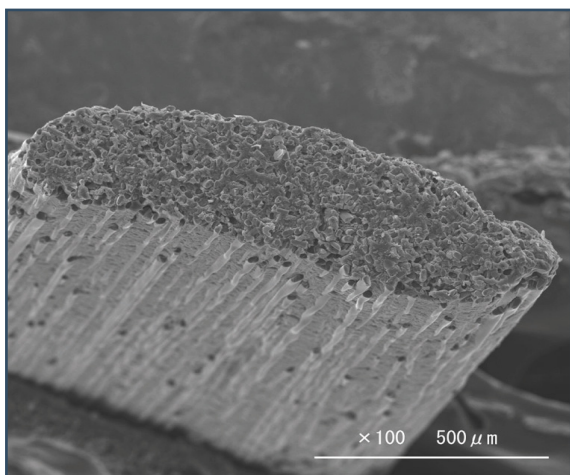


Question: What is cutting fiber?

Answer:

Cutting fiber is the world's only brush made by continuous ceramic fiber. This unique material allows for high performance grinding power, consistent performance and superior surface finish.

CONTINUOUS CERAMIC FIBERS



- Each rod is made by 1,000 ceramic fibers.
- Each fiber is only 196.85 μ inches

1,000 CUTTING EDGES

What's the difference besides color?

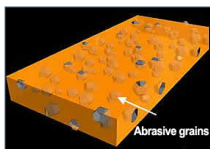
RED is more flexible and will conform to slight work piece variations. It is best used on burrs that are $\leq 0.1\text{mm}$ (.0039") in thickness or materials that are $< 45\text{ Rc}$.

WHITE is more rigid and has more aggressive grinding action that will provide longer tool life, run at higher speeds and it is best suited for harder materials. Because of its rigidity, it is not best suited for interruptions and uneven surfaces.

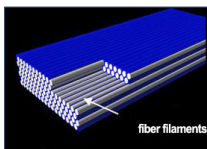
BLUE is the most aggressive cutting fiber, three to four times more aggressive than white. It handles burrs up to 0.5mm when the burr is vertical to the brush tip and 1mm when the burr is horizontal to the brush tip.

HIGH GRINDING POWER

The tip of each fiber works as abrasives = 1,000 cutting edges
More than 99% of content are the fiber filaments.



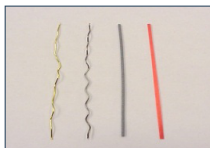
Content Ratio:
1% : 99%



Nylon impregnated vs. XEBEC® ceramic fibers

TIP-TO-TIP CONSISTENT PERFORMANCE

Self-sharpening effect always exposes new cutting edges.
Solid fiber materials never deform by repeated use.



BETTER SURFACE FINISH

Ceramic fiber produces fine finish.
Up to 3.937 Ra

