

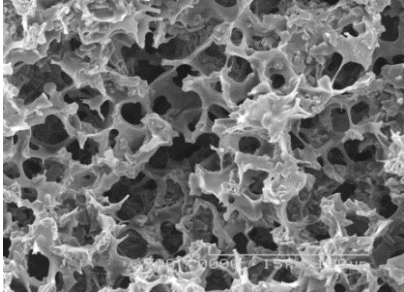
PVA Grinding Wheel

This is a polyvinyl alcohol (PVA)-based porous elastic grinding wheel.

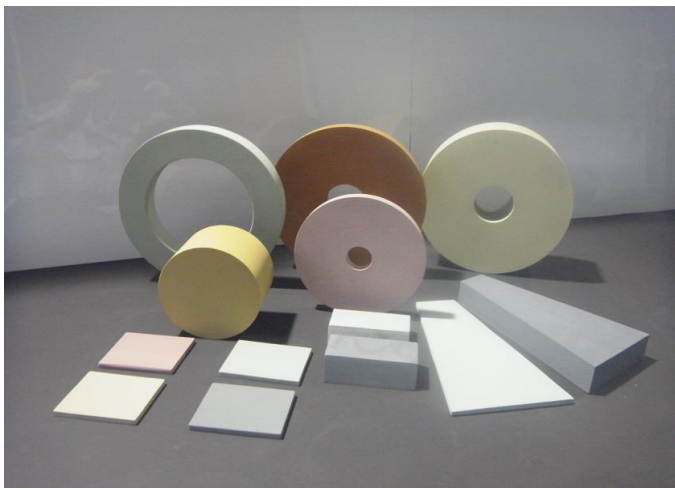
It is suitable for fine grinding on non-ferrous metals including copper, aluminum, stainless steel, titanium, etc.

■ Characteristics of PVA grinding wheel :

Our own sponge elastic structure provides a smooth mirror finishing, and it reduces polishing heat and enables polishing with less clogging.



- Flexible and interconnected hollow structure
- Reduced heat generation and clog-resistance with a regenerating function
- High precision and a smooth finishing surface

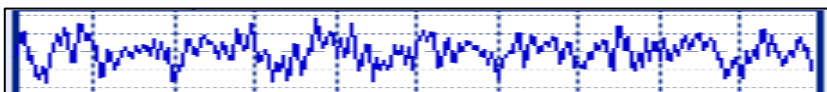


■ Quality Design :

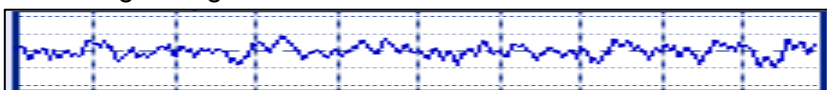
Abrasive	Grit# (JIS)	Hardness	Density	Amount of filler
Silicon carbide Alumina	220	Hard	High	High
	↕	↕	↕	↕
	10000	Soft	Low	Low

■ Surface roughness data ground by surface grinding machine

1) Vitrified grinding wheel # 120



2) PVA grinding wheel # 120



■ Applications & Methods :

- ① Cylindrical grinding
- ② Centerless grinding
- ③ Surface grinding
- ④ Internal grinding
- ⑤ Lapping

■ Working objects :

Copper, Aluminum, Stainless steel, Brass, Titanium, Silver, Nickel, Plastic resin, Plain steel, Special steel, etc