Diamond Lapping Paste

Diamond paste is strictly selected high-quality diamond powder as raw materials, high hardness, uniform particle size with high grinding force, superfine surface finish and uniform abrasive. Diamond lapping paste is divided into water-soluble paste and oil-soluble paste. For raw materials, it is also divided into polycrystalline diamond paste and monocrystalline diamond paste.

Specification

Synthetic diamond micron powder(μm)		Mesh	Usage
W0.25	0-0.5	#60,000	For Super mirror polishing
W0.5	0-1	#28,000	
W1	0-2	#14,000	
W3	2-4	#8,000	
W4.5	3-6	#5,000	For Precision brightness
W6	4-8	#3,000	
W8	6-10	#2,000	
W9	6-12	#1,800	
W13	10-16	#1,500	For General brightness
W15	10-20	#1,200	
W17.5	15-20	#1,000	
W25	20-30	#800	For Coarse grinding
W35	30-40	#600	
W50	40-60	#400	

Applications

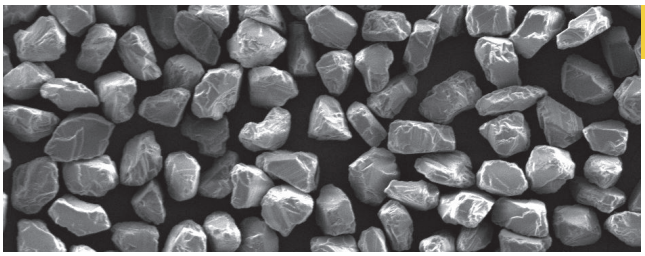
- It is suitable for the grinding and polishing of metals, tungsten carbide, mold, alloys, glass, ceramics, semiconductors, jade, and other hard materials.

Features

- High hardness
- Uniform particle size
- Stable grinding force
- Great polishing effect

Diamond Lapping Paste

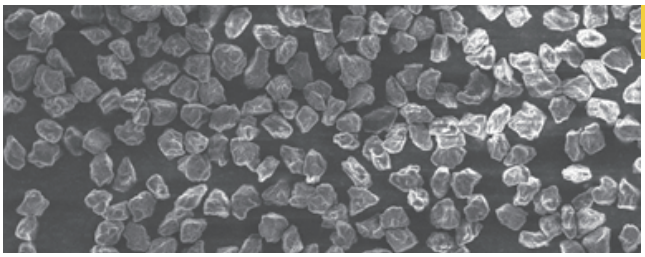
Monocrystalline Diamond Paste



Applications

- Hard metals polishing
- Metallographic polishing
- Wire die and mold polishing

Polycrystalline Diamond Paste



Applications

- Sapphire polishing
- Hard metals polishing
- Ceramics polishing
- Metallographic polishing

Water-Soluble Diamond Lapping Compound

- Good wettability and low viscosity, easy to cut.
- Low grinding heat and high processing efficiency.
- It is mainly used for precision Engineering and Electronic; also suitable for the preparation of tools and dies that will be subsequently electroplated or chemically or physically coated.

Oil-Soluble Diamond Lapping Compound

- Easy removal, high processing efficiency.
- Stable to 200°C, allowing work on un-cooled molds.
- Oil-based carrier with superior lubricant qualities to improve the surface finish.
- It is suitable for circuit boards, glass & ceramics, gemstones, agate slightly corrosive metals.