

Macolaep® Paste Polishing & Lapping Compound



MACOLAEPP® Paste is a boron carbide oil soluble polishing paste that is a high-performance abrasive with a hardness and chemical resistance comparable to that of diamond, it is a 9.5 on the Mohs Scale. Boron Carbide is ideally suited for the machining of hard materials by:

- Lapping - Easily permits the surface machining of wear-resistant hard metals and ceramics.
- Wire sawing - With its extreme hardness, it is ideally suited for wire sawing of oxidic and non-oxidic ceramics and sapphire.
- Ultrasonic boring - Suitable for boring almost any desired profile of hard and brittle materials.

The paste can quite easily be loaded on all cast iron or brass lapp wheels as well as wooden dowel pins for the lapping of holes. It can also be used with felt bobs or mounted brushes for mold polishing. The lapping compound must be diluted with oil or turpentine in ratios of 1:5 to 1:100.

Macolaep Paste is supplied in the following grits : 120, 180, 220, 360, 500, 750, 1000, 1500 and 2000 water soluble only.

Titan also offers an Introductory Macoleapp Paste Kit consisting of one each 10 gram Plastic Vials of each of the following grits: 80, 120, 180, 220, 260, 500, 750, 1000, 1500, and 2000. This allows experimenting to determine which grits are best suited for a particular application. **Order # IBCPK**

Brand	Grit	Tube Size	Order Number
MACOLAEPP BORON CARBIDE ®	80	75 gram	BCP-80
MACOLAEPP BORON CARBIDE ®	120	75 gram	BCP-120
MACOLAEPP BORON CARBIDE ®	180	75 gram	BCP-180
MACOLAEPP BORON CARBIDE ®	220	75 gram	BCP-220
MACOLAEPP BORON CARBIDE ®	360	75 gram	BCP-360
MACOLAEPP BORON CARBIDE ®	500	75 gram	BCP-500
MACOLAEPP BORON CARBIDE ®	750	75 gram	BCP-750
MACOLAEPP BORON CARBIDE ®	1000	75 gram	BCP-1000
MACOLAEPP BORON CARBIDE ®	1500	75 gram	BCP-1500
MACOLAEPP BORON CARBIDE ®	2000	75 gram	BCP-2000

Applications on honing and lapping plates: Pumps - Glide Rings - surfaces - shafts - Transmission - Pass Rings - Valves - fitting valves - housing - flanges - gaskets - slide - sealing surfaces - forms - mold & dies - punching tools - cutting tools - knives - cutting surfaces - hydraulic fittings - intake and exhaust ducts - runners - gear transmission - worm gears - Reamers - Crankshaft - differentials etc.