

DIAMOND & CBN Lapping Compound / Paste

for Stroke removal & Surface Polishing

PARAS DIAMOND CO. INDUSTRIAL DIAMOND TOOLS DIVISION, Manufactures **DIAMOND & CBN lapping paste** from pure accurately graded Grains. **DIAMOND lapping paste** offered with **NATURAL & Synthetic** Diamond and **CBN** Grains to ensure the optimum life, Faster Stock removal rates and Archive Superior work piece surface Finish, also manufactured as per your Application or Request. Our **DIAMOND & CBN lapping paste** have been specially formulated to maintain a constant viscosity over a wide temperature range, are heat resistant and thus ensures maximum utility of the diamond powder. The above properties make it ideal Grinding & Polishing Media for various Applications in the Industry, where Precision geometry of Work piece and Surface finish are Important.

Applications of Diamond & CBN Lapping Compound

Metal Working	General production components, mechanical seals, bearing seats & pivots, Ball Bearing Races, ceramic components, fuel injection valves hydraulic & pneumatic components, pump glands, cemented carbide, Tungsten Carbide Ware parts, cutting tools, Casting & Metal Surface, Forging & Swaging Dies, etc.
Tool Rooms	Press tools, tablet punches, test blocks, gauges, plastic moulds, cavities of plastics moulds slide surface, calendar rolls, watch cases, etc
Wire drawing	Tungsten carbide dies, rolls, guides, etc. Electronics -Semi-Conductor wafers, laser rods. tape heads, computer memory discs, radar tracking discs, etc.
Optics	Contact lens moulds, stainless steel mirrors, Perspex prisms, optical lenses, etc.
Laboratory	Metallurgical, Geological and Refractory specimens, Crystallography, Fiber optics, etc.
Petrochemicals	Pump faces, valve seats, spinnerets, wear blocks, etc.
Aeronautics	Seal plates of jet engines, hydraulic valves, spacers, etc.
Ship building	Diesel injector valves, pump glands & seal faces, aluminum mirrors, etc
Stone	Diamonds, Ruby, Emerald, Cubic Zirconia, sapphire,

Concentration

Low concentration provides more Aggressive cutting, coarser finish and potentially higher wheel wear, while high concentration provides less Aggressive cutting , finer finish and lower wheel wear.

Code Size	Micron Size	Type	Applications
PDC 1	0 -1/4	Super fine	Micro finish
PDC 2	0 -1/2	Extra Fine	Metallographic finish Micro fine Polish
PDC 3	0-2	Fine	Mirror Polish
PDC 4	2-5	Medium	Mirror Polish
PDC 5	5-8	Medium	Good fast Polish
PDC 6	8-10	Medium	Fast Polish
PDC 7	10-20	Coarse	Super finishing and lapping
PDC 8	20-40	Extra Coarse	Rapid Stock removal and generation of Uniform face
PDC 9	40-60	Super Coarse	Uniform stock Removal
PDC 10	60-80	Extra Super Coarse	High Stock Removed
PDC 11	80-100	Extra Super Coarse	High Stock Removed

Type of Super Abrasives	Symbol
DIAMOND	D
CBN	B

We also supply Natural, Synthetic Diamond & CBN Micron Powder.

While ordering, please specify the following details :

- 1.Type of Super Abrasive Grains; DIAMOND- D or CBN- B
- 2.Please specify Grain Size required for Lapping compound in Micron or any FEPA Standards
- 3.Specify Concentration; it has large impact on surface finish, Stock removal time & life
- 4.Water soluble or Oil soluble
- 5.Application, which has be Lapped or Polished
- 6.Any special requirement like lapping compound with Natural Diamond Grains, other Specific size of Grains or other specified requirements.

We supply Lapping Compound with 5g Syringe, 50g, 100g, 250g & 500g Sealed Jars