

# Products Catalog

## abrasive paste



**西安市英隆超硬材料厂**

YINGLONG SUPERHARD MATERIALS MANUFACTORY

## Company Profile

Located in the Modern Industrial Zone of Lingtong Dist., XiAn, ShaanXi, CHINA. Our Enterprise -YingLong(HeroHome) SuperHard Materials Manufactory is One of the Most Important Primary Manufacturing Basement of SuperHard Materials and Related Tools With the World-Famous Terra-Cotta Museum Besides us.

YingLong(HeroHome) is a Professional Company with Over 30 Years of Experiences in Manufacturing, Sales, Marketing and the R&D of New Technologies & Products. Our Main Products Include Two Series of Common/SuperHard Grinding-Wheels and Other Abrasive Tools; Tungsten Carbide/HSS/Alloy Steel/Chrome Steel with Over Hundreds of Types and More than Three Thousands Patterns. Meanwhile We Can Design and Specifically Manufacturing & Processing Products According to Irregular Patterns and Special Requirements of Our Customers.

We Have Built Our World-class Reputations With Our Clients As We Have the Most Modern & Sophisticated Machinery and State-of-the-art Technology. In Addition, We Have Over Ten Top National Level Professional Engineers Control Every Phase of the R&D and the Processes of Manufacturing and Quality Control.

YingLong Have Successfully Developed Several Abrasive & Cutting Tools Which Are Competitive With High-quality of Imported Products, Resulting in Considerable Foreign Exchange Savings for Our Country and Our Customers. Meanwhile We Won the Widely Acknowledgements of the Customers Around the World. Nowadays Our Products Are Exported to the Nations and Districts All Around the World as Europe, America, Mid and Southeast Asia, Pacific Regions, Canada and Austria as well as Africa etc.

We Will Continue to Hold as Our Motto "High Standards, Excellent Customer Services" for All the Time, and We Are Working to Achieve a Mutually Beneficial Relationship With New & Old Clients Around the World. We Sincerely Hoping for Your Attentions, and Many Thanks for Your Greatest Supports for All the Time to YingLong(HeroHome)!



## I、 Varieties and Applying fields:

Grease-mixed mainly employed in the manufacturing of high-hardness materials for instance burden machine grinding, polishing sintered-carbide, alloyed steel, high carbon steel etc.

Water-mixed mainly employed in the finish lapping of the samples of metallic phase & lithofacies etc.

## II、 Characteristics:

Diamond/CBN Abrasive-paste is produced fine and confect by the diamond/CBN micrones and other raw-materials, it is a relevant ideal Abrasive-paste for grinding and polishing with well lubrication and cooling capability, the hardness of diamond granule is high with equal granularity, and excellent grinding effects.

## III 、 Applying fields:

Our products suit to process measures, blade-tools, optics appliances and other high glabrous workpieces by the high-hardness materials for instance glass, ceram, sintered-carbide, natural stone, bijou etc.

#### IV Selection of Abrasive paste:

It mainly decided by the requirement of glabrous workpieces and efficiency with original glabrous of workpieces. Surplus relevant large require high efficiency could select relative coarse granularity number; in contrast, we select the precision one. Then we could consult the following fleet:

Granule Degree	Color	Type	Glabrous Degree	
			Former Standard	New Standard
W0.5	Simple yellow	Water or oil	13 ~ 14	0.012 ~ 0.006
W1.0	Yellow	Water or oil	13 ~ 14	0.012 ~ 0.006
W1.5	Chrysoidine	Water or oil	12 ~ 13	0.025 ~ 0.012
W2.5	Rose color	Water or oil	12 ~ 13	0.025 ~ 0.012
W3.5	Vermeil	Water or oil	12 ~ 13	0.025 ~ 0.012
W5	Simple blue	Water or oil	11 ~ 12	0.05 ~ 0.025
W7	Deep blue	Water or oil	11 ~ 12	0.05 ~ 0.025
W10	Grass green	Water or oil	10 ~ 11	0.1 ~ 0.05
W14	Green	Water or oil	10 ~ 11	0.1 ~ 0.05
W20	Purple	Water or oil	9 ~ 10	0.2 ~ 0.1
W28	Gray	Water or oil	9 ~ 10	0.2 ~ 0.1
W40	Black	Water or oil	9 ~ 10	0.2 ~ 0.1

#### IV、 Attentions:

Select appropriate grinding device and abrasive paste according to the materials and process requirements of workpieces. The ordinary grindee is the block and board made by glass, cast iron, steel, aluminum, organic glass. Thinner water-solubility abrasive paste use water or glycerin; grease-mixed use kerosene.

1. Diamond/CBN grinding is a kind of precision process, environment and tools should be keep clean up in processing, tools should be specified to every kind of granularity and no mixing.



2. Workpiece should be clean up carefully in the processing of exchange pastes of different granularities to prevent the former coarse granule will mix into thin granule and then damage the workpiece.

3. In using time put a few paste into container or directly on the grinding device, dilute by mix into water, glycerin or kerosene, ordinary proportion is 1:1 or adjust according to specific environment ?the thinnest granule only need a little water, adding glycerin appropriately according to coarseness increasing.

4. After grinding, workpiece should be clean up by gasoline, kerosene or water.

#### VI、 Attentions on Transportation and Storage:

1. No pressing.
2. Temperature of storage room should below 20 °C.
3. Storage in sanitation, cool and torrefaction place.

## **YingLong (HeroHome) SuperHard Materials Manufactory**

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