

# MIDLAND METROLOGY LIMITED

## Polishing Agent

### DPP Diamond Polishing Paste

**Application:** Suitable for manual precision polishing or low hardness samples.



### Technical Specification

Material: Diamond

Abrasive Grade: 0.5 $\mu$ m, 1 $\mu$ m, 1.5 $\mu$ m, 2.5 $\mu$ m, 3 $\mu$ m, 3.5 $\mu$ m, 5 $\mu$ m, 6 $\mu$ m, 7 $\mu$ m, 9 $\mu$ m, 10 $\mu$ m, 14 $\mu$ m, 15 $\mu$ m, 20 $\mu$ m, 28 $\mu$ m, 40 $\mu$ m

Packing: 5g/PC

### DPM Monomorph Diamond Polishing Powder

**Application:** It is suitable for metallographic and petrographic grinding and polishing, as well as for grinding and precision polishing of high gloss surfaces of various ferrous and non-ferrous metals, ceramics, composite materials, as well as gemstones, instruments, optical glass and other products.



### Technical Specification

Material: Monomorph Diamond

Abrasive Grade: 0.25 $\mu$ m, 0.5 $\mu$ m, 1 $\mu$ m, 1.5 $\mu$ m, 2.5 $\mu$ m, 3 $\mu$ m, 3.5 $\mu$ m, 6 $\mu$ m, 7 $\mu$ m, 10 $\mu$ m, 14 $\mu$ m, 20 $\mu$ m, 28 $\mu$ m, 40 $\mu$ m

Packing: 100Karat/Wrap

### DPP Polycrystal Diamond Polishing Powder

**Application:** It is suitable for metallographic and petrographic grinding and polishing, as well as for grinding and precision polishing of high gloss surfaces of various ferrous and non-ferrous metals, ceramics, composite materials, as well as gemstones, instruments, optical glass and other products.



### Technical Specification

Material: Polycrystal Diamond

Abrasive Grade: 0.25 $\mu$ m, 0.5 $\mu$ m, 1 $\mu$ m, 1.5 $\mu$ m, 2.5 $\mu$ m, 3 $\mu$ m, 3.5 $\mu$ m, 6 $\mu$ m, 7 $\mu$ m, 9 $\mu$ m, 10 $\mu$ m, 14 $\mu$ m, 15 $\mu$ m, 20 $\mu$ m

Packing: 100Karat/Wrap

# Polishing Agent

## AOP Aluminum Oxide Polishing Powder

**Application:** Grinding and Polishing of soft materials, such as stainless steel and aluminum alloy etc.



## Technical Specification

Material: Aluminum Oxide Powder

Abrasive Grade: 0.05 $\mu$ m, 0.5 $\mu$ m, 0.3 $\mu$ m, 1 $\mu$ m, 1.5 $\mu$ m, 2.5 $\mu$ m, 3.5 $\mu$ m, 7 $\mu$ m, 10 $\mu$ m, 14 $\mu$ m, 20 $\mu$ m, 28 $\mu$ m, 40 $\mu$ m

Packing: 500g/Bottle

## AOS Aluminum Oxide Suspension

**Application:** Suitable for metallographic and lithological grinding and polishing, and high smoothness surfaces of various black and non-ferrous metals, ceramics, composite materials, as well as gemstones, instruments, optical glass and other products. Ultra fine abrasives can achieve the desired ultra precision polishing surface.



## Technical Specification

Material: Aluminum Oxide Particle+Water

Abrasive Grade: 0.05 $\mu$ m, 0.3 $\mu$ m, 0.5 $\mu$ m, 1 $\mu$ m, 1.5 $\mu$ m, 2.5 $\mu$ m, 3.5 $\mu$ m, 7 $\mu$ m, 10 $\mu$ m, 14 $\mu$ m, 20 $\mu$ m, 28 $\mu$ m, 40 $\mu$ m

Packing: 500ml/Bottle, 1000ml/Bottle, 4000ml/Bottle

## SOP Silicon Oxide Suspension

**Application:** Suitable for final Precision Polishing of samples, mainly used for high purity metals and alloys, minerals, ceramics, polymers and other soft and tough specimens.



## Technical Specification

Material: Silicon Particle+Water

Abrasive Grade: 0.02 $\mu$ m, 0.04 $\mu$ m, 0.05 $\mu$ m

Packing: 500ml/Bottle, 1000ml/Bottle, 4000ml/Bottle

## Polishing Agent

### Cerium Oxide Suspension

**Application:** For fine polishing of glass, silicon wafers, crystals and optical accessories.



### Technical Specification

Material: Cerium Oxide Particle

Abrasive Grade: 0.5 $\mu$ m, 1 $\mu$ m, 3 $\mu$ m, 6 $\mu$ m, 9 $\mu$ m

Packing: 500ml/Bottle, 1000ml/Bottle, 5000ml/Bottle

### Chromium Oxide Suspension

**Application:** For precision polishing of steel, aluminium, copper, etc.



### Technical Specification

Material: Chromium Oxide Particle

Abrasive Grade: 0.5 $\mu$ m, 1 $\mu$ m, 3 $\mu$ m, 6 $\mu$ m, 9 $\mu$ m

Packing: 500ml/Bottle, 1000ml/Bottle, 5000ml/Bottle

### Silicon Carbide Suspension

**Application:** For fine polishing of steel, semiconductors and crystals.



### Technical Specification

Material: Silicon Carbide Particle

Abrasive Grade: 0.5 $\mu$ m, 1 $\mu$ m, 3 $\mu$ m, 6 $\mu$ m, 9 $\mu$ m

Packing: 500ml/Bottle, 1000ml/Bottle, 5000ml/Bottle

### Boron Nitride Suspension

**Application:** For fine polishing of glass, silicon wafers, crystals and optical accessories.



### Technical Specification

Material: Boron Nitride Particle

Abrasive Grade: 0.25 $\mu$ m, 0.5 $\mu$ m, 1 $\mu$ m, 3 $\mu$ m, 6 $\mu$ m, 9 $\mu$ m

Packing: 500ml/Bottle, 1000ml/Bottle, 5000ml/Bottle