

Quality Control

- Implementing Strict Quality Management System
- Certificated by Quality Assurance Standard (ISO9001) And Environmental Management Standard (ISO14001)



Sales Network

KOREA

Headquarters F5, ILJIN Building 50-1, Dohwa-dong, Mapo-gu, Seoul, Korea
TEL : +82-2-707-9086 FAX : +82-2-707-9378

Plant 690-11, Seonggok-dong, Danwon-gu, Ansan-si, Gyeonggi-do, Korea

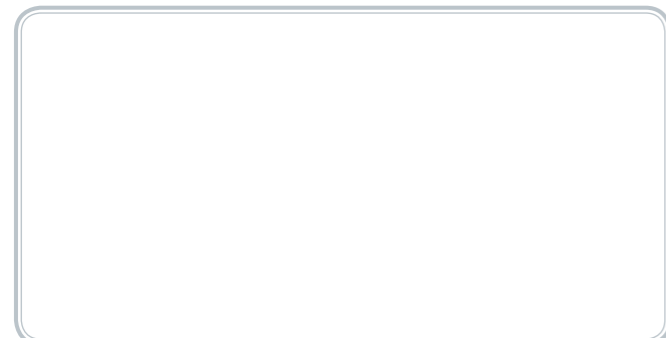


North America **U.S.A**
ILJIN USA
652 N. Sam Houston Parkway E. Suite 140, Houston, TX77060 USA
TEL : +1-281-448-5111 FAX : +1-281-448-5114

Europe **Germany**
ILJIN EUROPE
Mergenthaler Allee 23/25, 65760 Eschborn, Germany
TEL : +49-6196-88759-0 FAX : +49-6196-88759-20

East/Asia Pacific **JAPAN**
ILJIN JAPAN
Bejita Bldg. 4F, 2-7-7 Shibadaimon, Minato-ku, Tokyo, 105-0012 Japan
TEL : +81-3-5405-2820 FAX : +81-3-5405-3577

CHINA
ILJIN CHINA
3F-C, Baona B/D(LP Tower) No.25, Xianfeng ST., Shanghai, China, 201103
TEL : +86-21-61268711 FAX : +86-21-61268713



ILJIN Diamond www.iljindiamond.com

DIAMOND SLURRY

ILJIN Diamond Slurry



ILJIN Diamond

ILJIN DIAMOND SLURRY



ILJIN Diamond Slurry

Introduction

ILJIN Diamond Slurry brings satisfactory results for lapping and polishing of ceramics, glasses and metals. ILJIN Diamond Slurry decreases time consumption for cleaning materials by reducing multiple lapping and polishing phases to one single step.

Applications

Ceramics : Sapphire, SiC, GaN, etc

Glasses

Plastics

Metals

Merits of ILJIN Diamond Slurry

Consistent quality

High removal rate

Superior cleaning capability

Surface finishes to 20nm Ra

Macro scratch free

Long term stability



Oil-Based Diamond Slurry

Slurry type	Viscosity(cSt)
IOS-52	~5
IOS-62	5~10
IOS-72	10~50
IOS-82	50~

Water-Based Diamond Slurry

Slurry type	Viscosity(cSt)	pH Value
IWS-52	~5	9.0
IWS-62	5~10	9.0
IWS-72	10~50	9.0
IWS-82	50~	9.0

Diamond type/Size

Dia. type	Polycrystlline	Monocrystalline
1/10 μ m	MP/P-1/10	MP/M-1/10
1/5 μ m	MP/P-1/5	MP/M-1/5
1 μ m	MP/P-1	MP/M-1
2 μ m	MP/P-2	MP/M-2
3 μ m	MP/P-3	MP/M-3
4 μ m	MP/P-4	MP/M-4
6 μ m	MP/P-6	MP/M-6
8 μ m	MP/P-8	MP/M-8
9 μ m	MP/P-9	MP/M-9
15 μ m	MP/P-15	MP/M-15
30 μ m	MP/P-30	MP/M-30

※ Other diamond types/ sizes available

Order codes

▶ Example

IWS-5 2 / 20 MP / P-3

- ① Slurry type
- ② Diamond concentration cts/L
- ③ Diamond type/ Size

Custom specifications available on request

Custom formulation of Diamond Slurry is available by varying diamond type, size, concentration, pH, and viscosity in accordance with the process requirements. Contact us for recommendation on proper formulation of Diamond Slurry.