

SHOROX™ is CeO₂ based polishing material for glasses.

SHOROX™ has vast range of grades to apply for various kinds of materials like glass-substrates, hard disks, optical glasses, quartz, photomasks, and others.

- ✦ **SHOROX™ has wide variety of selection.**
- ✦ **We provide stable and high quality products.**



● **Typical Trait**

1. For Primary polishing

Grade	Particle Size(μm)	Chemical Component (mass%)			Features
	D50	TRO	CeO ₂	F	
A-10	1.3	93	63	6	It can be used for a wide range of purposes as general abrasives. They can polish glass-substrate, hard disks, optical glasses, quartz crystal, photomask, and others.
A-31	1.6				
A-50	1.8				
T	1.5	94	70	4	With its high purity of CeO ₂ , it can achieve a superior polishing rate when polishing hard materials, such as optical glasses, crystal, and quartz.
FL-2	1.3	97	94	<1	
FL-5	2.1	99	99	0	

2. For Final Polishing

Grade	Particle Size(μm)	Chemical Component (mass%)			Features
	D50	TRO	CeO ₂	F	
V2104	0.50	96	60	-	Used for glass plates that require finished surfaces with particularly high precision, such as hard disks and photomasks. The feature of V grades is sharp and fine particle size distribution. *Provided as slurry.
V3106	0.48				
A-0	1.2	93	63	6	Used for purposes that require finished surfaces with high precision. It is composed of fine and soft particles. Especially NX grades are used for final polishing of photomasks.
NX23	0.9				
NX02	1.2				

TRO: Total Rare earth Oxides, CeO₂.CeO₂/TRO

Assessment Method

1. Chemical Component
2. Particle Size Distribution method)

X-ray fluorescence indicator: Coulter Multi-Sizer III (V grade: Microtrac MT3300) measuring principle: electric resistance method (V grade: laser diffraction scattering)

Packing

20kg cardboard, 20kg paper bag, 20kg plastic pail can (each packing has plastic inner bag)
 ※ 4kg plastic bottle, 240kg plastic drum (for V grades)

Note) These numerical values in tables are representative values, not guaranteed values.
 When using the product, refer to the "Safety Data Sheet (SDS)".
 This product is for industrial applications only.

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