



HASTILITE PO-R1

BA0095OF

Hastilite PO-R1 has been designed to meet stringent surface specifications in precision optics fabrication. Because 90% of all particles are below one micron, and a unique high ceria base content, **Hastilite PO-R1** enables the production of preferred surfaces for softer glasses, and low scatter surfaces on harder glass and ceramic materials.

Hastilite PO-R1 is compatible with many glass types and ceramics. It is a standard polishing formula for super finish laser optics, leaving low roughness surfaces. **Hastilite PO-R1's** versatility in polishing operations addresses high speed polishing needs on a wide variety of polishing systems, including super-polishing, pitch polishing or LP pad polishing.

APPLICATION

Dilute **Hastilite PO-R1** with water to create slurry. Preferred, but not required, water type is DI or RO water. Concentration can vary per operation. For best results, please consult with UPI technical staff to recommend optimal processing conditions.

BENEFITS

Can be used with pitch, LP Pads, soft urethane pads and a broad variety of polishing interfaces. For optimal results, please consult with UPI technical staff for the interface best suited to your desired surface finish requirements.

PHYSICAL CHARACTERISTICS

TEST	HASTILITE PO-R1
pH	6 - 7
Particle Count D ₅₀ (µm)	0.4 - 0.7
Particle Count D _{max} (µm)	< 4.0
Solid Content (%)	40 - 50
Density (g/mL)	1.50 - 1.68

AVAILABILITY

1 Gallon