



TECHNICAL DATA

HASTILITE 250

BC1250, BC1250P, BC12505

Hastilite 250 has a unique composition of small alpha alumina crystals with a mixture of rare earth minerals resulting in a polishing slurry that will reduce manufacturing cost and provide efficiently polished surfaces. **Hastilite 250** is intended for pad polishing of a broad range optics and glass.

APPLICATION

Dilute **Hastilite 250** 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.

Hastilite 250 is suitable for recirculatory central slurry systems for improved efficiency and reduction in costs.

BENEFITS

- Unique polycrystalline alpha alumina crystals produce polish rates in excess of two times that of conventional products in many applications.
- Engineered rare earth additives provide the finishing required for precision optics.
- High resistance to particle breakdown correlating to longer slurry life.
- Polishing uniformity across the entire glass surface.

PHYSICAL CHARACTERISTICS

TEST	HASTILITE 250
pH	9 - 10.5
Particle Count D ₅₀ (μm)	0.190 - 0.280
Particle Count D ₉₉ (μm)	< 2.50
Solids Content (%)	19 - 22

AVAILABILITY

1 Pint, 1 Gallon, 5 Gallons

The Science of Surfacing™ | 85 JETSON LANE | CENTRAL ISLIP, NY 11722 | 516.935.4000 | WWW.UNIVERSALPHOTONICS.COM

Information included herein was obtained from sources which UNIVERSAL PHOTONICS, INC. believes are reliable and accurate as of the date hereof. However, no representations or warranties, either expressed or implied, of merchantability, fitness for a particular purpose or of any other nature are made herein as to the information provided or the product to which the information refers. The health and safety precautions contained herein may not be adequate for all individuals and/or situations. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. Given the variety of factors that can affect the use and application of a product, some of which are uniquely within the user's knowledge and control, it is essential that the user evaluate the product to determine whether it is fit for a particular purpose and suitable for user's method of use or application. UNIVERSAL PHOTONICS, INC. assumes no legal liability for any injury, accident, loss, or damage through the use of this product. **Hast250/1119/TD**