



ZIRC 20J

BC0020, BC00204, BC0020NS

ZIRC 20J is a new and novel product is an aqueous zirconium oxide slurry suited for polishing soft high index precision glass in conjunction with pitch, pads and a variety of interfaces.

APPLICATION

Dilute ZIRC 20J 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

- Tightly controlled particle distribution and excellent suspension characteristics that ensure consistent, high-quality precision polishing of softer glass and blue filter glass
- Slurry is designed using optimized zirconium oxide particles and additives tailored to improve removal rate and surface finish
- Excellent suspension characteristics ensures uniform polish distribution for more consistent polishing performance and superior finish
- Designed to provide easy cleaning of particles from glass substrates

PHYSICAL CHARACTERISTICS

TEST	ZIRC 20J
Particle Size D ₅₀ (µm)	0.6 - 0.9
Particle Size D ₉₉ (µm)	< 4.0
Density (g/mL)	1.25 - 1.35
pH	3 - 4

AVAILABILITY

20 kg pail, 4 kg container, 1 kg sample