

## Lapping Powders Based on Round Grain Corundum

slurry	pH-values	grain size	stock removal, surface roughness Ra	price
OXAPA RGC 40	6-8	40µm	1mm/min, <5Å	23 EUR/kg
OXAPA RGC 20	6-8	20µm	1mm/min, 2-4Å	23 EUR/kg
OXAPA RGC 5	6-8	5µm	1mm/min, 2-4Å	26 EUR/kg

The lapping powders based on round grain corundum were tested with all classical glass families from the Abbe-diagram. They work well and give similar results independently on the glass family. Also the same results were obtained by lapping fused silica and glass ceramics. In general it is not necessary to incorporate additives to adapt the slurries to different glass families. With OXAPARGC5 it is possible to achieve transparent surface (so called inspection polishing), what is useful for quick check of the material in bulk. The grain form is calibrated so that no hidden scratches and digs are observed.