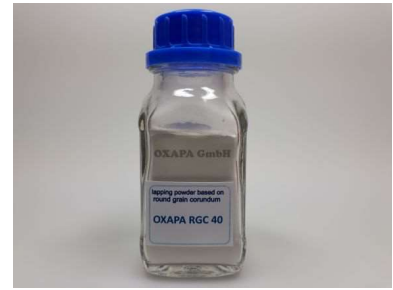


Lapping Powders Based on Round Grain Corundum

| slurry | pH-values | grain size | stock removal, surface roughness Ra | price (EUR/kg) |
|--------------|-----------|------------|--|----------------|
| OXAPA RGC 40 | 6-8 | 40µm | depends on glass and conditions | 22 |
| OXAPA RGC 25 | 6-8 | 25µm | | 22 |
| OXAPA RGC 20 | 6-8 | 20µm | | 22 |
| OXAPA RGC 15 | 6-8 | 15µm | | 22 |
| OXAPA RGC 10 | 6-8 | 10µm | | 24 |
| OXAPA RGC 9 | 6-8 | 9µm | | 25 |
| OXAPA RGC 8 | 6-8 | 9µm | | 25 |
| OXAPA RGC 5 | 6-8 | 5µm | | 25 |

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 independetly 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 OXAPA RGC5 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.



Diamond Pellets

| bond | size | grain size | concentration | price (EUR/pc) |
|-------|--------------|------------|---------------|----------------|
| RESIN | dia 10 x 3mm | 5...100µm | C25 | 2.60 |
| METAL | dia 10 x 3mm | 5...100µm | C25 | 2.60 |
| RESIN | dia 10 x 5mm | 5...100µm | C25 | 2.75 |
| METAL | dia 10 x 5mm | 5...100µm | C25 | 2.75 |

