zirconium
after final sintering*

**Copran Zr / Zr-i**

| | |
|---|---|
| ZrO2: | Balance |
| Y2O3: | 4,95 - 5,35% |
| Al2O3: | 0,15 - 0,35% |
| Iron hyd. | 0 - 0,01 % |
| $ER_3O_3$: | 0% |
| $CO_3O_4$: | 0% |
| other | 0 - 0,06% |
| density g/cm³: | 6,05 |
| Flexural strength | 1400 MPa |

**Copran Zr-/Zr-i A1-A3**

| | |
|---|---|
| ZrO2: | 93,99 - 94,89% |
| Y2O3: | 4,95 - 5,35% |
| Al2O3: | 0,15 - 0,35% |
| Iron hyd. | 0,02 - 0,25% |
| $ER_3O_3$: | 0% |
| $CO_3O_4$: | 0% |
| other | 0 - 0,06% |
| density g/cm³: | 6,05 |
| Flexural strength | 1250 - 1400 MPa |

**CopraSmile**

| | |
|---|---|
| ZrO2: | Balance |
| Y2O3: | 9,32% |
| Al2O3: | 0,05% |
| Iron hyd. | 0 – 0,00 % |
| $ER_3O_3$: | 0% |
| $CO_3O_4$: | 0% |
| other | 0 – 0,02% |
| density g/cm³: | 6,046 |
| Flexural strength | 609 MPa |

**CopraSmile A1 - D4 und Symphony**

| | |
|---|---|
| ZrO2: | Balance |
| Y2O3: | 8,48 % – 9,21% |
| Al2O3: | 0,05% |
| Iron hyd. | 0,075% – 0,2% |
| $ER_3O_3$: | 0 – 0,5% |
| $CO_3O_4$: | 0 – 0,005% |
| other | 0 – 0,001% |
| density g/cm³: | 6,046 |
| Flexural strength | 609 MPa |

*min. accomplished standard values

zirconium
after final sintering*

**Copran Zr-i Monolith**

| | |
|---|---|
| ZrO2: | Balance |
| Y2O3: | 5,15 – 5,55% |
| Al2O3: | 0,03 – 0,07% |
| Iron hyd. | 0 – 0,01% |
| $ER_3O_3$: | 0% |
| $CO_3O_4$: | 0% |
| other | 0 – 0,02% |
| density g/cm³: | 6,09 |
| Flexural strength | 1100 MPa |

**Copran Zr-i Monolith A1- D4**

| | |
|---|---|
| ZrO2: | 94,02 – 94,75% |
| Y2O3: | 4,88 – 5,55% |
| Al2O3: | 0,03 – 0,07% |
| Iron hyd. | 0 – 0,06% |
| $ER_3O_3$: | 0- 0,05 % |
| $CO_3O_4$: | 0 – 0,0016% |
| other | 0 – 0,02% |
| density g/cm³: | 6,09 |
| Flexural strength | 1100 - 1117 MPa |

**CopraPretty**

| | |
|---|---|
| ZrO2: | Balance |
| Y2O3: | 4,95 – 5,35% |
| Al2O3: | max. 0,1% |
| Iron hyd. | max. 0,01% |
| $ER_3O_3$: | 0% |
| $CO_3O_4$: | 0% |
| other | 0 – 0,06% |
| density g/cm³: | 6,05 |
| Flexural strength | 1100 MPa |

*min. accomplished standard values