

# Material Information

## cara Zirconium Dioxide

Chemical composition (Content in mass%):

| cara Zirconium Dioxide   |   |                               |                  |                                |              |
|--|---|-------------------------------|------------------|--------------------------------|--------------|
| Zirconium Dioxide Type   | ZrO <sub>2</sub> + HfO <sub>2</sub> + Y <sub>2</sub> O <sub>3</sub> | Y <sub>2</sub> O <sub>3</sub> | HfO <sub>2</sub> | Al <sub>2</sub> O <sub>3</sub> | Other Oxides |
| ST white, B-light, A-intensive<br>HT, translucent<br>cara YantaLoc<br>ML Shade A, B, C | ≥ 99  | 4.5–6.0                       | ≤ 5.0            | ≤ 0.5                          | ≤ 0.5        |
| HTE  | ≥ 99  | 8.5–10.0                      | ≤ 5.0            | ≤ 0.5                          | ≤ 0.5        |

ST = semi translucent (opaque)  
HT = high translucent  
ML = Multilayer  
HTE = high translucent esthetic

Zr<sub>ST</sub>Zr<sub>HT</sub>Zr<sub>ML</sub>Zr<sub>HTE</sub>

### Biological Evaluation/ Testing:

Hereby we confirm that tests or evaluations to declare biocompatibility were performed according to EN ISO 10993 series.

### Declaration according to Council Directive 93/42/EEC:

We declare that these products meet all the requirements of the Council Directive 93/42/EEC.

### Adverse reactions:

No evidence for hazardous effects to the patient by leachable ingredients of cara Zirconium Dioxide.

**This material information is subject to an internal approval process. It was created electronically and is valid without signature.**

### Contact in Germany

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