NPM milled (CoCr)

The milled, base metal alloy from INFINIDENT

CTE (20 – 600 °C)*

14.6 · 10^{-6} · K^{-1}

VICKERS*

289 HV
**INDICATIONS**

+ Anterior and posterior crown and bridge frameworks with up to 16 units
+ Unlimited possibilities for full anatomical units (individually or in bridges)
+ Fully anatomical and partially veneered as well as primary telescopic crowns

**BENEFITS**

+ Less post-processing effort due to perfectly milled surface structure
+ Consistently high microstructure quality with no voids, porosity or warping
+ Reduced oxide formation during firing of ceramic
+ Can be further handled like cast frameworks

**REFERENCES**

The CTE value of NPM milled is ideally matched to the veneering ceramics of most manufacturers. The veneering can be done with your usual ceramic materials for non-precious metal alloys. Please always observe the processing instructions of the respective manufacturer.

**COMPOSITION**

<table>
<thead>
<tr>
<th>Element</th>
<th>Composition</th>
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</thead>
<tbody>
<tr>
<td>Co</td>
<td>~61.0 %</td>
</tr>
<tr>
<td>Cr</td>
<td>~27.5 %</td>
</tr>
<tr>
<td>W</td>
<td>~8.5 %</td>
</tr>
<tr>
<td>Si</td>
<td>~1.6 %</td>
</tr>
<tr>
<td>Other</td>
<td>&lt;1.0 %</td>
</tr>
</tbody>
</table>

*typical material characteristics.*

The published information of the respective material manufacturer shall apply.