CHEMICAL COMPOSITION

<table>
<thead>
<tr>
<th>Elements</th>
<th>Ni</th>
<th>Co</th>
<th>Cr</th>
<th>Fe</th>
<th>Mo</th>
<th>W</th>
<th>Al</th>
<th>B</th>
<th>Cu</th>
<th>P</th>
<th>Mn</th>
<th>Si</th>
<th>Ti</th>
<th>C</th>
<th>S</th>
<th>O</th>
<th>N</th>
</tr>
</thead>
<tbody>
<tr>
<td>Min</td>
<td>Bal.</td>
<td>0.5</td>
<td>20.5</td>
<td>17</td>
<td>8</td>
<td>0.2</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
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<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Max</td>
<td>-</td>
<td>2.5</td>
<td>23</td>
<td>20</td>
<td>10</td>
<td>1.0</td>
<td>0.5</td>
<td>0.01</td>
<td>0.5</td>
<td>0.04</td>
<td>1.0</td>
<td>0.15</td>
<td>0.1</td>
<td>0.03</td>
<td>0.03</td>
<td>0.03</td>
<td></td>
</tr>
</tbody>
</table>

STANDARDS

- European standards
  - NiCr22Fe18Mo
  - 2.4665
- US Standards
  - UNS N06002

CHARACTERISTICS

Precipitation hardened, nickel-based superalloy powder produced by VIM Gas atomization with:

- Very good resistance to oxidation
- Very good mechanical properties at high temperatures
- Generally used for parts working within the 600-700°C range (1112-1292°F)

QUALITY CERTIFICATES

- EN9100 accreditation
- Certified material test report

PARTICLE SIZE DISTRIBUTIONS

- Laser Beam Melting (powder bed): 10-53 µm
- Electron Beam Melting (powder bed): 45-106 µm
- Directed energy deposition (LMD): 45-106 µm

Customized particle size distributions upon request

POWDER MORPHOLOGY

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