Godet Rolls

- High performance design
- State of the art technology
- Energy saving
- Compact design

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Benefits and properties
- Accurate temperature profile
- Single zone/multi zone heating
- Large speed range
- Maintenance friendly
- Lifetime lubrication/bearings
- Low energy consumption

Field of application
- Draw stand design/
  Duo or multi lay-out
- Retro-fit
- New assembly plug-in

Godet Rolls

Applications
- PA, PES, PP
- Fully drawn yarn
- Bulked continuous filament
- Large dernier range
- Diameter from 160 mm to 240 mm
- Length from 180 mm to 400 mm
- Induction heated from 60 °C to 300 °C
- In-house coating ceramic or chrome
- Various Ra/μm specs
- Pt 100 temperature sensor fixed
- Pt 1000 temperature sensor rotating

Physical properties of ceramic coating

<table>
<thead>
<tr>
<th>layer material</th>
<th>Nr.</th>
<th>colour</th>
<th>wear resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Al₂O₃ / TiO₂</td>
<td>(60/40)</td>
<td>R140</td>
<td>black</td>
</tr>
</tbody>
</table>

Layer thickness 100 – 150 μm *
Hardness HV 700 – 1800 **
Porosity 2.0 – 5.0 %
Dielectric strength < 1000 V at 150 μm ***
Surface properties upon customer request (Ra 0.2 – 7.0 possible)

Finely machined surface
Ra = 0.5 μm

* other layer thicknesses upon request
** depending on the layer material
*** depending on component geometry

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Rauschert at a glance

Technical ceramics
Plastic molded parts
Ignition systems & heating elements
Energy & engineering

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TRADITION
PROGRESS
INNOVATION