TriboShield® TS651

TS651 is based on high-performance thermoplastics specifically designed for constant low friction from low to moderately high loads in dry or lubricated conditions. Highly suitable for high-frequency / low amplitude (HFLA) applications, particularly in dry conditions. TS651 is part of the standard TriboShield® product range.

TYPICAL APPLICATIONS
- Solenoid armatures
- Seat mechanisms, struts and shock absorbers...
- Compressors and radial piston pumps
- Hydraulic pumps and motors

UNIQUE CHARACTERISTICS
- Excellent performance in dry
- Good performance in lubricated condition
- Very low stick-slip characteristic
- Excellent wear resistance up to moderately high loads

TRIBOMATE® UPGRADE AVAILABLE
Yes

For questions and assistance, contact a GGB engineer at: https://www.ggbearings.com/en/contact
TECHNICAL DATA

<table>
<thead>
<tr>
<th>COATING PROPERTY</th>
<th>UNIT</th>
<th>VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color*</td>
<td>-</td>
<td>Dark Brown</td>
</tr>
<tr>
<td>Maximum continuous service temperature</td>
<td>°C / °F</td>
<td>260 / 500</td>
</tr>
<tr>
<td>Maximum short-term peak temperature</td>
<td>°C / °F</td>
<td>280 / 536</td>
</tr>
<tr>
<td>Friction coefficient, typical range**</td>
<td>-</td>
<td>0.06 - 0.30</td>
</tr>
<tr>
<td>Food contact compliant***</td>
<td>-</td>
<td>Yes</td>
</tr>
</tbody>
</table>

* Other colors possible upon customization request (limited)
** Dependent on contact pressure, sliding speed and contact geometry.
*** Your specific food contact condition may require additional approval. Please contact your GGB representative for more information.

TriboShield® Standard Product Range

COATING ADVANTAGES
- More compact design
- Less complex system assembly
- Reduced weight
- Increased surface durability

Standard Coatings Range

Product Range
- TriboShield TS801
- TriboShield TS741
- TriboShield TS651
- TriboShield TS501
- TriboShield TS421
- TriboShield TS225
- TriboShield TS161

For additional product offerings visit: