

## Overview of Glide Materials

|                         | Operation Temperature |            | Compressive Strength | Flexural Strength    | Thermal Conductivity | Linear Coefficient of Expansion | Dielectric Strength | Sliding Friction Coefficient | Resistance against Lubricants |
|-------------------------|-----------------------|------------|----------------------|----------------------|----------------------|---------------------------------|---------------------|------------------------------|-------------------------------|
|                         | (°C)                  |            | (N/mm <sup>2</sup> ) | (N/mm <sup>2</sup> ) | (W/mK)               | (10 <sup>-6</sup> 1/K)          | (KV/3mm)            |                              |                               |
|                         | long-term             | short-term | at 23°C              | at 23°C              |                      |                                 |                     |                              |                               |
| <b>DOGLIDE® 140</b>     | 130                   | 140        | 200                  | 125                  | 0,25                 | 30                              | 15                  | $\mu = 0,11$                 | resistant                     |
| <b>DOGLIDE® DBG 180</b> | 160                   | 180        | 100                  | 75                   | 0,35                 | 30                              | 15                  | $\mu = 0,17$                 | resistant                     |
| <b>DOGLIDE® DBG 200</b> | 165                   | 200        | 160                  | 95                   | 0,45                 | 22                              | -                   | $\mu = 0,2$                  | resistant                     |
| <b>DOGLIDE® DBG 260</b> | 200                   | 220        | 80                   | 25                   | 0,45                 | 17                              | -                   | $\mu = 0,14$                 | resistant                     |
| <b>DOGLIDE® GA 450</b>  | 450                   | 450        | 90                   | 45                   | 90                   | 2,9                             | -                   | $\mu = 0,1$                  | resistant                     |
| <b>DOGLIDE® GA</b>      | 600                   | 600        | 125                  | 55                   | 50                   | 4                               | -                   | $\mu = 0,1$                  | resistant                     |

The standard values shown in this data sheet are measured by standard test methods. In reliance on operation terms and dimensions the material properties can differ from these values. Please contact our applications and sales engineers to clarify the suitability of our materials for your application. Further technical information can be given with our specific material data sheets.

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