

Material Data Sheet

DF-BR4000

General

40% Bronze Filled PTFE

Improved compression strength, wear resistant, high thermal conductivity, resistance to abrasion. Reduced chemical resistance.

Typical Physical properties

| | | | |
|---------------------------------|-------------|-----------------------------|------------------|
| Color | - | - | Dark Brown |
| Density(Specific Gravity) | ASTM D-792 | g/cm ³ (gm / cc) | 3.00- 3.20 |
| Water Absorption(Max.) | ASTM D-570 | % | <0.01 |
| Flammability | | - | V-0 |
| Tensile Strength | ASTM D-4894 | mpa | ≥20 |
| Elongation of Break | ASTM D-638 | % | ≥230 |
| Hardness | ASTM D-2240 | Shore D | 80 - 85 |
| Ball hardness | | mpa | 35 |
| Service temperature (long term) | ASTM D-648 | °C | -180 to + 260 |
| Surface Resistivity | ASTM D-258 | ohm | >10 ⁶ |
| Volume Resistivity | ASTM D-257 | ohm cm | >10 ⁷ |

NOTE:

- *The data stated above are typical values intended for reference and comparison purposes only.
- *The data should not be used as a basis for design specifications or quality control.
- *The information is provided as a guide to the best of our knowledge and given without obligation or liability.
- *Testing under individual application circumstances is recommended.