

# Data sheet Product WLPF 07 50



Thermal interface material / Fixing material / Mounting material>Thermal interface material>Thermal conductive paste and thermal interface film

silicone-free thermal transfer compound

- Particularly suitable for silicone-sensitive applications
- optimises heat conduction between electronic components and heat sinks
- Avoids air inclusions and adapts perfectly to the surface roughness
- Temperature-stable over a wide temperature range
- Other container sizes and packaging forms available on request

## Features

|                                    |                                                                        |
|------------------------------------|------------------------------------------------------------------------|
| composition:                       | silicone free synthetic liquid, metal oxide filling                    |
| material:                          | silicone-free thermal transfer compound                                |
| basin:                             | syringe                                                                |
| delivery quantity:                 | 20 ml                                                                  |
| kinetic viscosity (base oil):      | ca. 100 mm <sup>2</sup> /s (40°C)<br>ca. 14 mm <sup>2</sup> /s (100°C) |
| consistance:                       | pastey                                                                 |
| thermal conductivity:              | 0.7 W/m·K                                                              |
| colour:                            | white-grey                                                             |
| density:                           | 1.9 g/cm <sup>3</sup>                                                  |
| temperature range:                 | -40°C... +150°C                                                        |
| shelf life:                        | 36 months                                                              |
| oil separation (thickener):        | ≤ 2% (40°C / 168h)                                                     |
| flow pressure at 20°C (thickener): | ≤ 300 mbar                                                             |

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