

Baysilone* Fluid KT 5

Product Description Baysilone Fluid KT 5 is a 100% polydimethylsiloxane of viscosity 5 mm²/ s. The product differs from organic materials in its physical and chemical properties such as high and low temperature stability, good dielectric properties, low interfacial energy, and chemical inertness. Baysilone Fluid KT 5 is particularly suitable for use as cold and heat transfer media in cryostats, thermostats, climatic simulation chambers, freeze-drying and heat transfer installations.

Key Performance Properties

- virtual insolubility in water
- non-corrosive
- low setting points and vapour pressures
- high flash points
- low toxicity
- odourless
- no coking tendency under thermal stress
- high thermal stability
- resistance to aging
- no chlorine

Applications

- Cooling and heat transfer media

Typical Product Data

| Property | Unit | Value |
|--------------------------|------------------------------|--------|
| Viscosity at 25°C | mm ² / s | 5 |
| Density at 25 °C | g/ cm ³ | 0.923 |
| Pour point | °C | < -100 |
| Flash point | °C | > 120 |
| Ignition point | °C | > 400 |
| Refractive Index at 25°C | n ^d ₂₅ | 1.396 |
| Water Content | ppm | < 50 |

Specifications Typical product data values should not be used as specifications. Assistance and specifications are available from Momentive Performance Materials.

Containers Baysilone Fluid KT 5 is available in 50 kg cans, 180 kg drums, 900 kg totes, and 20,000 kg bulk containers.



Handling and Safety Material Safety Data Sheets are available upon request from Momentive Performance Materials. Similar information for solvents and other chemicals used with Momentive Performance Materials products should be obtained from suppliers. When solvents are used, proper safety precautions must be observed.

Storage and Warranty Period The warranty period is 24 months from date of shipment from Momentive Performance Materials if stored in the original unopened container protected from moisture.



MOMENTIVE

performance materials

PRINCIPAL LOCATIONS – Regional Information

Baysilone Fluid KT 5

| | | | |
|--|---|---|--------------------|
| North America | World Headquarters 187 Danbury Road Wilton, CT 06897, USA | T 800.295.2392 | F 607.754.7517 |
| Latin America | Rodovia Eng. Constâncio Cintra, Km 78,5 Itatiba, SP – 13255-700, Brazil | T +55.11.4534.9650 | F +55.11.4534.9660 |
| Europe, Middle East, Africa and India | D-51368 Leverkusen Germany | T 00.800.4321.1000 T +31.164.293.276 | F +31.164.241.750 |
| Pacific | Akasaka Park Building - 5-2-20 Akasaka Minato-ku, Tokyo 107-6112 Japan | T +81.3.5544.3100 | F +81.3.5544.3101 |

CUSTOMER SERVICE CENTERS

| | | | |
|--|--|---|--|
| North America | Charleston, WV 25314, USA E cs-na.silicones@momentive.com | | |
| | <ul style="list-style-type: none"> Specialty Fluids UA, Silanes, Resins, and Specialties RTV Products-Elastomers Sealants and Adhesives & Construction | T 800.523.5862 T 800.334.4674 T 800.332.3390 T 877.943.7325 | F 304.746.1654 F 304.746.1623 F 304.746.1623 F 304.746.1654 |
| Latin America | E cs-la.silicones@momentive.com | | |
| | <ul style="list-style-type: none"> Argentina & Chile Brazil Mexico & Central America Venezuela, Ecuador, Peru, Colombia, & Caribbean | T +54.11.4862.9544 T +55.11.4534.9650 T +52.55.5899.5135 T +58.212.285.2149 | F +54.11.4862.9544 F +55.11.4534.9660 F +52.55.5899.5138 F +58.212.285.2149 |
| Europe, Middle East, Africa and India | E cs-eur.silicones@momentive.com | T 00.800.4321.1000 T +31.164.293.276 | F +31.164.241750 |
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| | <ul style="list-style-type: none"> Japan China Korea Singapore | T +81.276.20.6182 T +86.21.5050.4666 (ext. 1523) T +82.2.6201.4600 T +65.6220.7022 | |
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