

Synthetic heat transfer fluid usable in the liquid state.

ADVANTAGES

The thermal stability of SONITHERM S is much higher than many petroleum-based heat transfer fluids.

The formation of polymerised degradation substances with high boiling points and high viscosity is reduced. These substances are partially soluble in the fluid: consequently deposits are very limited.

USES

IGOL SONITHERM S is a synthetic heat transfer fluid usable in the liquid state between -10°C and +320°C. All indirect heating processes using a heat transfer fluid. Water bath heating.

Notes on use

To avoid operating problems caused by products that are volatile at high temperatures: pump cavitation, vapour locks, etc.

Good design of expansion tanks, vents and safety valves is required to ensure regular release into the atmosphere, and IGOL recommends making installations comply with the German DIN 4754 specification.

| Characteristics | Units | Standards | Values |
|-----------------------------|--------------------|-------------|--------|
| Density at 20°C | kg/m ³ | NF T 60-101 | 863 |
| Kinematic viscosity at 40°C | mm ² /s | NF T 60-100 | 23.7 |
| (C.O.C) Flash point | °C | ASTM D 92 | 185 |
| Self ignition temperature | °C | ASTM D 2155 | 357 |
| Pour point | °C | NF T 60-105 | -63 |

Characteristics are given for information only and correspond with our manufacturing standards. IGOL reserves the right to modify them to provide its customers with the benefits of technical progress. Before using this product read the instructions for use and the environmental impacts mentioned in the technical and safety data sheets. The information given above is based on the current level of knowledge relative to the product concerned. The product user should take all useful precautions relative to its use. IGOL can in no circumstances be held responsible for damage resulting from incorrect use.

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