

Technical Data Sheet

MARLOTHERM® SH Heat Transfer Fluid

Product Description

Marlotherm SH can be used over the whole working range without being kept under pressure. The boiling range of the product at atmospheric pressure is above the use limit. Marlotherm SH is most suitable for indirect heating of reactors, polymerisation vessels, and distillation columns of processing machines and driers as well as heat exchangers in process plants and systems for heat recovery.

Typical Properties

Property	Test Method	Typical Value, Units
General Properties		
Normal Boiling Point @ 1013 mbar	ASTM D 1078	385 - 395 °C
Pour Point	DIN ISO 3016	< -34 °C
Flash Point	EN 22719	approx. 200 °C
Autoignition Temperature	DIN 51794	approx. 500 °C
Physical and Thermal Properties		
Appearance Visual		liquid, clear
Chlorine	DIN 51408	< 10 ppm
Acid Number	DIN EN ISO 3682	≤ 0.02 mg KOH/g
Density @ 20°C	DIN 51757	1.04 - 1.05
Viscosity @ 20°C	DIN 51562	42 - 52 cSt

Comments

Properties reported here are typical of average lots. Eastman makes no representation that the material in any particular shipment will conform exactly to the values given.

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