

Technical Data Sheet

MARLOTHERM® XC Heat Transfer Fluid

Product Description

Marlotherm XC is a high performance, synthetic organic heat transfer fluid. Because of the wide application range between - 90 to 300 °C it can be utilized as heat transfer fluid for heating and cooling in the most varied fields of application e.g. for Multi-Purpose-facilities in the fine chemicals, specialty chemicals and pharmaceutical industry.

Typical Properties

Property	Test Method	Typical Value, Units
General Properties		
Normal Boiling Point @ 1013 mbar	ASTM D 1078	approx. 153 °C
Pour Point	DIN ISO 3016	< -90 °C
Flash Point	EN 22719	approx. 31 °C
Autoignition Temperature	DIN 51794	approx. 420 °C
Physical and Thermal Properties		
Appearance @ 20°C	Visual	liquid, clear
Ethylbenzene content	GC	≤ 0.5 % vol
Water	DIN 51777	≤ 0.03 %
Density @ 20°C	DIN 51757	0.855 - 0.865 g/ml
Viscosity @ 20°C	DIN 51562	0.5 - 1.0 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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