

ELASTOSIL® SLM 28016 CN

Silicone oil for immersion cooling solution

Preliminary TDS

Characteristics

ELASTOSIL® SLM 28016 CN is a low viscosity, high specific heat and high flash point silicone oil for immersion cooling solution.

- High specific heat benefit thermal management
- Excellent thermal-stability for long service time
- Compatible with devices and components in Battery and server

Application

It's especially suit for EV battery and data center servers immersion cooling application.

Storage

ELASTOSIL® SLM 28016 CN should be stored in the tightly closed original container. The 'Best use before end' date of each batch appears on the product label.

ELASTOSIL® SLM 28016 CN silicone oil for immersion cooling solution

Typical general characteristics	Inspection Method	Unit	Typical Value
Appearance			Transparent
Specific gravity @25°C	ISO 1183-1 A	g/cm ³	0.85
Viscosity	ASTM D2983	mPas	9.8
Boiling Point		°C	No boiling up to 300 °C
Flash Point -Open cup	ASTM D 093	°C	194
Specific Heat (0°C)	ASTM E1269	J/KgK	2100
Specific Heat (25°C)	ASTM E1269	J/KgK	2250
Specific Heat (50°C)	ASTM E1269	J/KgK	2370
Specific Heat (75°C)	ASTM E12691	J/KgK	2460

These figures are only intended as a guide and should not be used in preparing specifications.

Safety information

Detailed safety information is contained in each material data safety sheet, which can be obtained from our sales offices.

The data presented in this leaflet are in accordance with the present state of our knowledge, but do not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this leaflet should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies' raw materials are also being used. The recommendations do not absolve the user from the obligation of investigating the possibility of infringement of third parties' rights and, if necessary, clarifying the position. Recommendations for use do not constitute a warranty, either express or implied, of the fitness or suitability of the products for a particular purpose.

The management system has been certified according to DIN EN ISO 9001 and DIN EN ISO 14001



ELASTOSIL® is a trademark of Wacker Chemie AG.

For technical, quality, or product safety questions, please contact:

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