

1. DESIGNATION

Chemical name : Dielectric cooling fluid

2. SPECIFICATIONS

<u>CHARACTERISTICS (CoA)</u>	<u>UNITS</u>	<u>VALUES</u>	<u>METHODS</u>
Acid Value	mgKOH/g	≤ 0.06	AOCS Cd 3d-63
Water Content	ppm	≤ 200	AOCS Ca 2e-84
APHA	None	≤ 100	AOCS Td 1b-64
Flash Point	°C	≥ 190	ASTM D92
Kinematic viscosity 40°C	cSt	7.0 - 8.0	ASTM D445
<u>CHARACTERISTICS (guaranteed)</u>			
Kinematic viscosity 100°C	cSt	2.0 - 3.0	ASTM D445
Pour point	°C	≤ -30	ASTM D97
<u>PROPERTIES (indicative values)</u>			
Appearance at Room temperature	None	clear liquid	
Thermal conductivity 20°C	W/m.K	ca. 0.145	ASTM D7896
Specific heat capacity 20°C	kJ/kg.K	ca. 1.96	ASTM E1269
Dielectric breakdown	kV	≥ 35	ASTM D877
Electrical volume resistivity 90°C	GOhm.m	ca. 1573	ASTM D924
Dielectric dissipation factor 90°C	None	≤ 0.1	ASTM D924
Dielectric constant 90°C	None	3.0 - 3.5	ASTM D924
Specific weight at 20°C	kg/m ³	ca. 897	

3. PROVISIONS

STANDARD PACKAGING

Bulk.

TOTAL SHELF LIFE

2 years.

COMPLIANCY NOTICE

This product is RSPO guaranteed material (Mass Balance certification scheme).

SAFETY & REGULATORY DATA

Please refer to the relevant Safety Data Sheet for more information.

This technical data sheet does not cover (i) any modification of the product by addition of any product or substance to it, (ii) any prejudicial modification of the product resulting from any processing and (iii) an inadequate use and/or storage of the product and of the finished articles.

STORAGE RECOMMENDATIONS

Keep packaging unopened and undamaged.

Store at room temperature in a clean and aerated place.

For bulk storage, it is recommended to keep the product in nitrogen flushed tanks.

The shelflife is guaranteed provided the goods are stored in original drums/liquabins or stainless steel containers/tanks, in dark, temperature min.20°C and max.60°C, under nitrogen blanketing with oxygen content <0.1%.