

DESCRIPTION

Dober's Fuel Cell Coolant ULC is a ready-to-use, ethylene glycol-based coolant with very low electrical conductivity. This coolant is based on non-ionic inhibitors, which impart long-term, stable electrical conductivity that is essential for the safe operation of fuel cell systems.

TYPICAL PROPERTIES

Appearance	Clear liquid		
Density, g/cm ³	1.074		ISO 12185
Viscosity, mm ² /s	0°C	8.1	ASTM D 445
	40°C	2.1	
	80°C	0.93	
Boiling Point	°C	107	ASTM D 1120
Pour Point	°C	-51	ASTM D 97
Freezing Point	°C	-37 to -38 typical	ASTM D 1177
Refractive Index	1.386		ASTM D 1218
pH	5.54		ASTM D 1287
Electrical Conductivity, μS/cm	25°C	<2	ASTM D 1125
Temperature Range	between -30°C and 100°C		
Storage	Store unopened, air-tight container at 30°C max for one year		

Corrosion Protection

ASTM D8485 Glassware Corrosion Test Results

Specimen	Test Values	D8485 Limits, max.
Copper C11000	0.28	10
Stainless Steel S30400	0.00	10
Aluminum A93003	-0.58	30

Coupons After 2-Week Test

