

Addendum - Technical information

Chemical and Physical Properties Zitrec® EC 40*

Property	Typical value	Unit	Specification
Appearance	Clear liquid		
Nitrite, borate, 2EHA	-		
Equilibrium boiling point	187	°C	ASTM D1120
Density (20°C)	1.112	kg/l	ASTM D5931
pH (20°C)	8.0		ASTM D1287
Electrical conductivity (25°C)	38	µS/cm	ASTM D1125
Refractive index	1.430		ASTM D1218
Kinematic viscosity (20°C)	17.3	mm ² /s	ASTM D445
Sulfate	< 5	mg/kg	

* Typical values

Chemical and Physical Properties of Zitrec® EC 40 - 50% EG*

Property	Typical value	Unit	Specification
Appearance	Clear liquid		
Freezing point	-37	°C	ASTM D1177
Equilibrium boiling point	111	°C	ASTM D1120
Chloride	< 5	mg/kg	
Sulfate	< 5	mg/kg	
Electrical conductivity	96	µS/cm	ASTM D1125
pH (20°C)	8.2		ASTM D1287
Density (20°C)	1.067	kg/l	ASTM D5931
Thermal conductivity (20°C)	0.42	W/mK	ASTM D7895
Specific heat (20°C)	3.31	kJ/kg.K	ASTM E1269

* Typical values