VALCO

Concentrated blue antifreeze

Ethylene glycol based antifreeze, phosphate, nitrite and amine free.

Physicochemical Characteristics

Caracteristics	Method	Units	Typical value	Min.	Max.
Aspect	Visual	-	Limpid homogenous		
Colour	Visual	-	Blue		
Odour	Olfactory	-	Sweet characteristic		
Density	D 20/4	-	1.125	-	-
Flash point	NF M 07 011	°C	-	111	-
Freezing point @ 50%*	ASTM D 1177	°C	-37.5	-	-37.0
pH @ 50%*	NF T 78 103	pH	8.3	7.0	8.5
Alcalinity reserve à 50%*	NF T 78 101	ml HCL 0.1N	9.2	7.0	-
Boiling point	NF R 15 602-1	°C	166	150	-
Glassware corrosion	NF R 15 602-7	mg/sample			
Copper			-0.3	-5.0	+5.0
Solder			-0.7	-5.0	+5.0
Brass			-1.0	-5.0	+5.0
Steel			0.8	-2.5	+2.5
Cast Iron			2.3	-4.0	+4.0
Aluminium			-1.5	-10.0	+20.0
Hot plate corrosion	NF R 15 602-8	mg/cm²/week	-0.5	-1.0	+1.0

* Volume

Dilution Table

Antifreeze (% Vol.)	Demineralized Water (% Vol.)	Freezing Point (°C)
50	50	-37
40	60	-24
33	67	-17

Security

See Safety Data Sheet