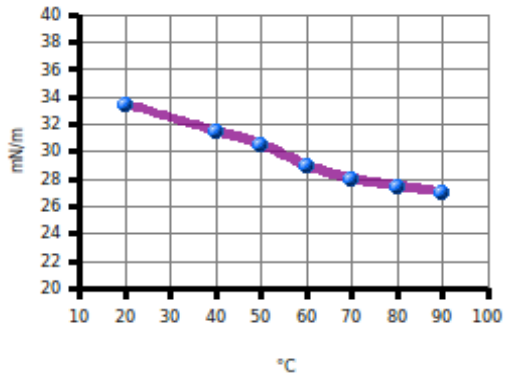
Data Sheet APG CD series

Type	saturation magnetization [mT]	Viscosity[1] [m Pas]	Pourpoint [°C]	Density[2] [Kg m^{-3}]
APG CD 1120	11 ±10%	200 ±10%	-36	1070
APG CD 1635	16.5 ±10%	350 ±10%	-32	1130
APG CD 2250	22 ±10%	500 ±10%	-29	1180

Special ferrofluid for cooling in all kinds of speakers in high temperature environment. Highest colloid stability for very high flux density applications. Excellent lifetime. Tolerance to condensing and high humidity is moderate.

Typical surface tension[3]



Carrier liquid: synthetic ester

Therm. conductivity λ: 150 mW m^{-1} K^{-1}

Therm. expansion coeff. γ: 7.5 10^{-4} K^{-1}

Given values are either typical or relevant for quality control and specified with a tolerance.

1 by cone-plate-viscometer at 27 °C
2 by pyknometer, water as reference, accuracy approximately 0.05
3 by ring method

Ferrotec GmbH Seerosenstrasse 1 72669 Unterensingen Phone.: +49 7022 9270 0 Fax: +49 7022 9270 1000 Rev. 2012-01-23