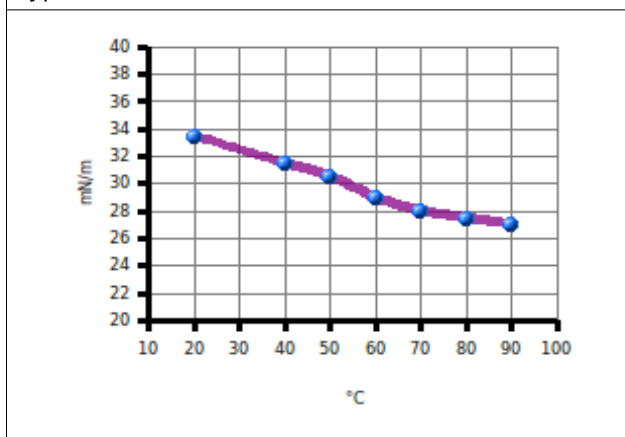


Type	saturation magnetization [mT]	Viscosity <sup>1</sup> [m Pas]	Pourpoint [°C]	Density <sup>2</sup> [Kg m <sup>-3</sup> ]
APG L17	11 ±10%	60 ±10%	-25	1050
APG L22	16,5 ±10%	90 ±10%	-50	1050
APG L11	22 ±10%	100 ±10%	-35	1160
APG L12	22 ±10%	500 ±10%	-34	1150
APG L13	22 ±10%	1000 ±10%	-34	1150
APG L14	22 ±10%	2000 ±10%	-23	1150
APG L19	22 ±10%	300 ±10%	-48	1150
APG L21	27,5 ±10%	1500 ±10%	-56	1180
APG L23	33 ±10%	350 ±10%	-45	1210

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

Typical surface tension<sup>3</sup>



**Carrier liquid:** synthetic ester

**Therm. Conductivity  $\lambda$ :** 150 mW m<sup>-1</sup> K<sup>-1</sup>

**Therm. expansion coeff.  $\gamma$ :** 7.5 10<sup>-4</sup> K<sup>-1</sup>

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 pycnometer, water as reference, accuracy approximately 0.05

3 by ring method