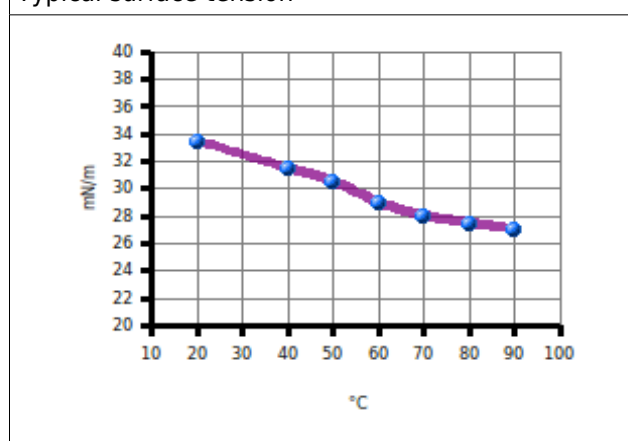


Type	saturation magnetization [mT]	Viscosity ¹ [m Pas]	Pourpoint [°C]	Density ² [Kg m ⁻³]
APG S17n	16.5 ±10%	55 ±10%	-25	1050
APG S15n	22 ±10%	75 ±10%	-39	1080
APG S14	22 ±10%	200 ±10%	-32	1080
APG S11n	22 ±10%	85 ±10%	-32	1150
APG S32	22 ±10%	250 ±10%	-35	1140
APG S21	22 ±10%	500 ±10%	-36	1140
APG S38n	22 ±10%	135 ±10%	-30	1150
APG S16n	27.5 ±10%	400 ±10%	-29	1190
APG S39	27.5 ±10%	1500 ±10%	-35	1180
APG S36	33 ±10%	1000 ±10%	-46	1230
APG S18	38.5 ±10%	375 ±10%	-34	1270
APG S51	38.5 ±10%	500 ±10%	-34	1270
APG S12n	41.3 ±10%	250 ±10%	-32	1320
APG S10n	44 ±10%	300 ±10%	-26	1330

Special ferrofluid for cooling and damping in all kinds of speakers in high temperature environment. Properties similar to APG O Series, with saturation magnetization and viscosity tailored to specific requirements. Tolerance to condensing and high humidity is moderate.

Typical surface tension³



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 pycnometer, water as reference, accuracy approximately 0.05

3 by ring method