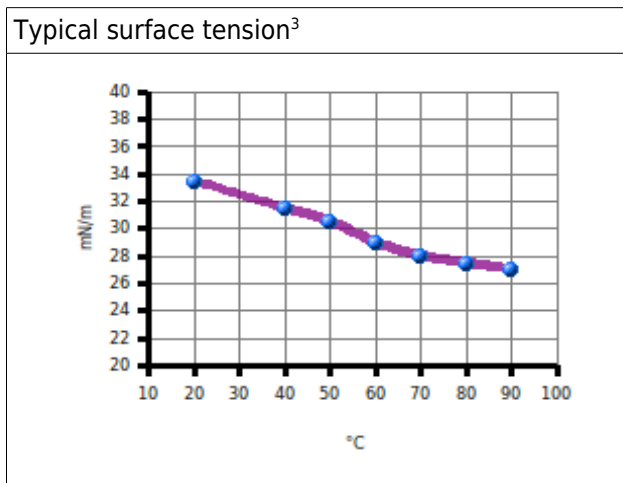


Type	Saturation magnetization [mT]	Viscosity <sup>1</sup> [mPas]	Pourpoint [°C]	Density <sup>2</sup> [Kg m <sup>-3</sup> ]
APG E18	13.8 ±10%	90 ±10%	-51	970
APG E23	19.3 ±10%	400 ±10%	-53	1030
APG E25	22 ±10%	1000 ±10%	-33	1080
APG E26	27.5 ±10%	300 ±10%	-44	1110
APG E11	27.5 ±10%	1000 ±10%	-44	1110
APG E15	27,5 ±10%	750 ±10%	-39	1110
APG E32	33 ±10%	1200 ±10%	-30	1150

Special-Ferrofluid for cooling in all kinds of speakers in moderate temperature environment. Properties similar to APG 900 series with kolloid stability and saturation magnetization adapted to special requirements.



**Carrier liquid:** synthetic hydrocarbon  
**therm. conductivity  $\lambda$ :** 150 mW m<sup>-1</sup> K<sup>-1</sup>  
**therm. expansion coefficient  $\gamma$ :** 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 Measured with cone-plate viscometer at 27 °C  
 2 Picnometer method, water as reference, accuracy 0.05  
 3 Ring method