

Technical Data Sheet

Ferrofluid Type: PBG 600

Specifications and Physical Properties

	CGS Units	SI Units
Appearance	Black-brown fluid	
Carrier Liquid	Water-miscible	
Saturation Magnetization	660 Gauss	66 mT
Viscosity @ 27°C	<10 cP	<10 mPa·s
Avg. Particle Size	10 nm	
Density	1.60 g/ml	1.60 g/cm ³
Volume % Particle Concentration	11.8	
pH	7 - 8	
Nature of Surfactant	Nonionic	

Note: There is a tendency for magnetic particles to form aggregates in water based ferrofluids. PEG coated ferrofluids are far more stable than standard water-based fluids, however observed behavior will be subject to actual storage conditions.

Please contact your local office for information on the tolerances of these values.

For further technical data, please contact your local Ferrotec office:

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