

S P E C I F I C A T I O N S H E E T

FERROFLUID TYPE: **MSG W11**

FOR

MATERIAL SEPARATION

Medium.....	Water
Saturation Magnetization.....	16.7 mT
Viscosity @ 27° C.....	3.6 mPas
Initial Susceptibility.....	0.51
Density @ 25° C.....	1.23 kg l ⁻¹
Surface Tension.....	0.04 N m ⁻¹
pH.....	10

- NOTES:**
- Density is linearly dependent on the saturation magnetization value
 - Saturation magnetization is measured at 18.5 kOe (ca.1470 A/m)

SPECIFICATION SHEET

FERROFLUID TYPE: MSG W12

FOR

MATERIAL SEPARATION

Medium.....	Water
Particle Concentration (vol).....	<2.86%
Average Particle Size..... nm	8.9
Saturation Magnetization.....	16 mT
Viscosity @ 27° C..... mPas	<5
Initial Susceptibility.....	0.45
Density @ 25° C.....	>1.18 kg l ⁻¹
Surface Tension.....	>0.034 N m ⁻¹
pH.....	<8.5

- NOTES:**
- Density is linearly dependent on the saturation magnetization value
 - Saturation magnetization is measured at 18,5 kOe (ca.1470 A/m)