

Polystyrene Particles with Paramagnetic Core

(microParticles)

Monodisperse, spherical particles in aqueous suspension

Particle Diameter [μm]	Standard Deviation [%]	Iron Oxid Content [weight %]	Solids Content [weight %]	Cataloge Number	Price [EURO]	
					5 mL	15 mL
0.270 ¹⁾	5.3%	>40	2.5	PS-MAG-S1850	127 €	292 €
0.360 ¹⁾	3.0%	>40	2.5	PS-MAG-S1983	127 €	292 €
0.536 ¹⁾	4.5%	>30	2.5	PS-MAG-S1984-1	127 €	292 €
1.33 ²⁾	5.2%	>30	5.0	PS-MAG-S1645	155 €	355 €
3.90 ²⁾	3.3%	>30	5.0	PS-MAG-S2180	155 €	355 €
5.61 ³⁾	3.7%	>20	5.0	PS-MAG-S1684	155 €	355 €
10.43 ³⁾	2.0%	>20	5.0	PS-MAG-S2874	205 €	467 €
18.82 ³⁾	2.1%	>15	5.0	PS-MAG-S1985	205 €	467 €
41.13 ³⁾	1.8%	>25	5.0	PS-MAG-S1986	205 €	467 €
67.4 ³⁾	1.4%	>10	5.0	PS-MAG-S2303	205 €	467 €
89.0 ³⁾	0.9%	10	5.0	PS-MAG-AR110	205 €	467 €
135 ³⁾	0.9%	>7.5	5.0	PS-MAG-S2305	205 €	467 €
256 ³⁾	1.3%	30	5.0	PS-MAG-AR111	205 €	467 €
375 ³⁾	1.9%	>5	5.0	PS-MAG-S2307	205 €	467 €

¹⁾ Determined by Scanning Electron Microscopy

²⁾ Determined by COULTER™ Multisizer

³⁾ Determined by Optical Microscopy

Silica Particles with Paramagnetic core

(microParticles)

Monodisperse, spherical particles in aqueous suspension

Particle Diameter [μm]	Standard Deviation [μm]	CV [%]	Iron Oxid Content [weight %]	Solids Content [weight %]	Price [EURO]	
					5 mL	15 mL
0.51 ⁴⁾	0.03	5.5%	>30	2.5	127 €	292 €
0.96 ¹⁾	0.05	5.2%	>25	5.0	127 €	292 €
1.51 ²⁾	0.05	3.3%	>25	5.0	155 €	355 €
2.47 ³⁾	0.07	2.9%	>25	5.0	155 €	355 €
7.52 ³⁾	0.26	3.5%	>15	5.0	155 €	355 €

¹⁾ Determined by Scanning Electron Microscopy (SEM)

²⁾ Determined by COULTER™ Multisizer

³⁾ Determined by Optical Microscopy

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