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## Fluorescent Particles

22.12.2016

# Fluorescent Particles

(Thermo Fisher Scientific, prev. Duke Scientific)

## Spherical polystyrene particles as suspensions (Latex) or powders

Nom. Diameter	Green Fluorescence				Red Fluorescence				Blue Fluorescence							
	Volume	Catalog Number	Volume	Catalog Number	Volume	Catalog Number	Volume	Catalog Number	Volume	Catalog Number	Volume	Catalog Number				
0.03 µm	15 mL	G25	90 mL	G25B	15 mL	R25	90 mL	R25B								
0.04 µm	15 mL	G40	90 mL	G40B												
0.05 µm	15 mL	G50	90 mL	G50B	15 mL	R50	90 mL	R50B	15 mL	B50	90 mL	B50B				
0.06 µm					15 mL	R60	90 mL	R60B								
0.07 µm	15 mL	G75	90 mL	G75B												
0.09 µm	15 mL	G85	90 mL	G85B												
0.10 µm	15 mL	G100	90 mL	G100B	15 mL	R100	90 mL	R100B	15 mL	B100	90 mL	B100B				
0.14 µm	15 mL	G140	90 mL	G140B					15 mL	B140	90 mL	B140B				
0.15 µm									15 mL	B150	90 mL	B150B				
0.16 µm					15 mL	R160	90 mL	R160B								
0.20 µm	15 mL	G200	90 mL	G200B	15 mL	R200	90 mL	R200B	15 mL	B200	90 mL	B200B				
0.25 µm	15 mL	G250	90 mL	G250B												
0.30 µm	15 mL	G300	90 mL	G300B	15 mL	R300	90 mL	R300B	15 mL	B300	90 mL	B300B				
0.40 µm	15 mL	G400	90 mL	G400B	15 mL	R400	90 mL	R400B	15 mL	B400	90 mL	B400B				
0.45 µm	15 mL	G450	90 mL	G450B	15 mL	R450	90 mL	R450B								
0.50 µm	15 mL	G500	90 mL	G500B	15 mL	R500	90 mL	R500B	15 mL	B500	90 mL	B500B				
0.52 µm									15 mL	B520	90 mL	B520B				
0.60 µm	15 mL	G600	90 mL	G600B	15 mL	R600	90 mL	R600B	15 mL	B600	90 mL	B600B				
0.70 µm	15 mL	G700	90 mL	G700B	15 mL	R700	90 mL	R700B	15 mL	B700	90 mL	B700B				
0.80 µm					15 mL	R800	90 mL	R800B								
0.83 µm	15 mL	G830	90 mL	G830B	15 mL	R830	90 mL	R830B								
0.90 µm	15 mL	G900	90 mL	G900B	15 mL	R900	90 mL	R900B	15 mL	B900	90 mL	B900B				
1 µm	10 mL	G0100	60 mL	G0100	10 mL	R0100	60 mL	R0100B	10 mL	B0100	60 mL	B0100B				
2 µm	10 mL	G0200	60 mL	G0200	10 mL	R0200	60 mL	R0200B	10 mL	B0200	60 mL	B0200B				
2 µm	10 mL	G0220	60 mL	G0220												
3 µm	10 mL	G0300	60 mL	G0300	10 mL	R0300	60 mL	R0300B								
5 µm	10 mL	G0500	60 mL	G0500												
10 µm	10 mL	G1000	60 mL	G1000												
5 µm	1 g	35-2	5 g	35-2B	1 g	36-2	5 g	36-2B	fluorescent green: 468/508 nm fluorescent red: 542/612 nm fluorescent blue: 365/447 nm, 412/447 nm, 412/473 nm The exact excitation and emission maxima may vary depending on the size and composition of the particles.							
10 µm	1 g	35-3	5 g	35-3B	1 g	36-3	5 g	36-3B								
15 µm	1 g	35-4	5 g	35-4B	1 g	36-4	5 g	36-4B								
25 µm	1 g	35-5	5 g	35-5B	1 g	36-5	5 g	36-5B								
30 µm	1 g	35-6	5 g	35-6B	1 g	36-6	5 g	36-6B								
40 µm	1 g	35-7	5 g	35-7B	1 g	36-7	5 g	36-7B								
50 µm	1 g	35-8	5 g	35-8B	1 g	36-8	5 g	36-8B								
70 µm	1 g	35-9	5 g	35-9B	1 g	36-9	5 g	36-9B								
80 µm	1 g	35-10	5 g	35-10B	1 g	36-10	5 g	36-10B								
100 µm	1 g	35-11	5 g	35-11B	1 g	36-11	5 g	36-11B								
120 µm	1 g	35-12	5 g	35-12B												
140 µm	1 g	35-13	5 g	35-13B												

- All particle size standards are traceable to NIST (*National Inst. of Standards and Technology*). The CVs (relative standard deviations) are 3 - 20%.
- The products will be supplied as stabilized aqueous suspensions in 15mL or 90mL dropper-tipped bottles or as dry powders in 1.0 gram or 5.0 gram quantities.

• Prices:

	10 mL	15 mL	60 mL/90 mL	1,0 g	5,0 g
	250 Euro		1125 Euro	375 Euro	1380 Euro

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