

ChromoSpheres™

(Thermo Fisher Scientific, previous Duke Scientific)

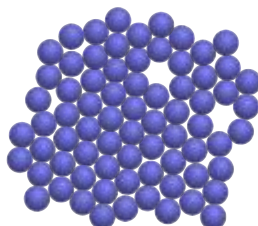
Spherical polystyrene-DVB particles as powders with certificate, NIST traceable

Catalog Number	Color	Nom. Diameter	Current Diameter	Rel. Standard Deviation (CV)	Number of Particles per Gram	Price 1.0 gram
RD050T	Red	50 µm	48.6 µm ± 2.9 µm	7.5%	1.6 x 10 ⁷	740 €
BK050T	Black	50 µm	49.4 µm ± 2.9 µm	7.4%	1.5 x 10 ⁷	
RD100T	Red	100 µm	93.4 µm ± 6.3 µm	8.6%	2.2 x 10 ⁶	
BK100T	Black	100 µm	96.4 µm ± 6.2 µm	8.6%	2.0 x 10 ⁶	
RD150T	Red	150 µm	149 µm ± 6.8 µm	6.0%	5.4 x 10 ⁵	
BK150T	Black	150 µm	148 µm ± 7.7 µm	7.1%	5.6 x 10 ⁵	
RD200T	Red	200 µm	202 µm ± 7.1 µm	4.7%	2.2 x 10 ⁵	
BK200T	Black	200 µm	200 µm ± 7.5 µm	5.5%	2.3 x 10 ⁵	
RD300T	Red	300 µm	301 µm ± 7.5 µm	3.3%	6.6 x 10 ⁴	
BK300T	Black	300 µm	301 µm ± 7.8 µm	3.3%	6.6 x 10 ⁴	
RD400T	Red	400 µm	402 µm ± 14 µm	4.5%	2.8 x 10 ⁴	
BK400T	Black	400 µm	402 µm ± 14 µm	4.5%	2.8 x 10 ⁴	
RD500T	Red	500 µm	500 µm ± 19 µm	4.8%	1.4 x 10 ⁴	
BK500T	Black	500 µm	502 µm ± 19 µm	4.8%	1.4 x 10 ⁴	

All Particle Diameters had been determined by Optical Microscopy. The data listed as "Current Diameter" and "Standard Deviation" are numbers for better orientation; they will change slightly if a new lot will be manufactured. Therefore these data are not guaranteed !



Other **red** and **blue** particle standards: please look at next page !



Dyed Particle Size Standards

(microParticles)

Spherical polystyrene-DVB particles as suspensions without certificate



Catalog Number	Color	Nom. Diameter	Current Diameter ¹⁾	Relative Standard Deviation ¹⁾ (CV)	Content of Particles	Price 10mL	Price 15mL			
PS-Blau-1.0-64	Blue	1.0 µm	1.21 µm	3.1%	5%	240 €	278 €			
PS-Rot-2.0-56	Red	2.0 µm	2.21 µm	1.3%						
PS-Blau-2.0-51	Blue	2.0 µm	1.94 µm	2.0%						
PS-Blau-4.0-34	Blue	4.0 µm	4.21 µm	2.6%						
PS-Rot-5.0-01	Red	5.0 µm	5.21 µm	2.8%						
PS-Blau-5.0-06	Blue	5.0 µm	5.21 µm	1.5%						
PS-Rot-10.0-21	Red	10 µm	9.78 µm	1.2%						
PS-Blau-9.5-07	Blue	10 µm	9.55 µm	0.9%	5%	265 €	307 €			
PS-Rot-12.5-53	Red	12 µm	12.48 µm	0.9%						
PS-Blau-12.5-50	Blue	12 µm	12.45 µm	0.9%						
PS-Rot-20.0-58	Red	20 µm	19.9 µm	0.8%						
PS-Blau-20.0-37	Blue	20 µm	19.98 µm	0.9%						
PS-Blau-26.5-26	Blue	26 µm	26.37 µm	1.9%						
PS-Rot-31.0-54	Red	31 µm	30.93 µm	1.2%						
PS-Blau-32.0-28	Blue	32 µm	32.20 µm	1.9%						
PS-Rot-41.0-17	Red	41 µm	41.11 µm	1.2%						
PS-Blau-41.5-38	Blue	42 µm	41.68 µm	1.0%						
PS-Blau-52.0-76	Blue	52 µm	52.22 µm	1.1%						
PS-Blau-60.0-39	Blue	60 µm	59.70 µm	1.5%						
PS-Rot-80.0-69	Red	80 µm	78.92 µm	1.3%						
PS-Blau-80.0-68	Blue	80 µm	79.10 µm	1.8%						
PS-Rot-100.0-98	Red	100 µm	99 µm	1.2%						
PS-Rot-110.0-42	Red	110 µm	106 µm	1.8%				5%	330 €	385 €
PS-Blau-110.0-43	Blue	110 µm	107 µm	1.6%						

All Particle Diameters had been determined by Coulter Counter™ or Optical Microscopy.

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