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Chemical Science





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Correction: Thermoreversible crystallizationdriven aggregation of diblock copolymer nanoparticles in mineral oil

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Correction for 'Thermoreversible crystallization-driven aggregation of diblock copolymer nanoparticles in mineral oil' by Matthew J. Derry et al., Chem. Sci., 2018, 9, 4071-4082.

The authors regret that in Table 1 the units for particle diameter are incorrect. This should be nm. The correct Table 1 is displayed below.

Table 1 Summary of targeted copolymer compositions, BzMA conversions (% BzMA) as judged by ¹H NMR spectroscopy, GPC and DLS data (particle diameter and polydispersity index, PDI) obtained for a series of PBeMA₃₇-PBzMA_x diblock copolymers prepared by RAFT dispersion polymerization of BzMA in mineral oil. Synthesis conditions: 90 °C, [PBeMA₃₇ macro-CTA]/[T21s] molar ratio = 5.0, 20% w/w solids. Relevant data for the PBeMA₃₇ macro-CTA are also shown for reference

Target composition	% BzMA	THF GPC (vs. PMMA)		DLS at 50 °C	
		$M_{\rm n}/{ m g\ mol^{-1}}$	$M_{ m w}/M_{ m n}$	Particle diameter/nm	Polydispersity index
PBeMA ₃₇	_	12 400	1.18	_	_
PBeMA ₃₇ -PBzMA ₅₀	>99	16 200	1.15	21	0.08
PBeMA ₃₇ -PBzMA ₁₀₀	>99	22 700	1.15	32	0.01
PBeMA ₃₇ -PBzMA ₁₅₀	>99	28 100	1.18	37	0.02
PBeMA ₃₇ -PBzMA ₂₀₀	>99	33 800	1.24	55	0.01
PBeMA ₃₇ -PBzMA ₃₀₀	>99	43 900	1.38	67	0.01

The Royal Society of Chemistry apologises for these errors and any consequent inconvenience to authors and readers.

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