Electronic Supplementary Material (ESI) for Polymer Chemistry.
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Electronic Supplementary Information (ESI) for

Versatile Preparation of Surface-Skinless Particles of Epoxy Resin-Based Monoliths Using a Well-Defined Diblock Copolymer Surfactant

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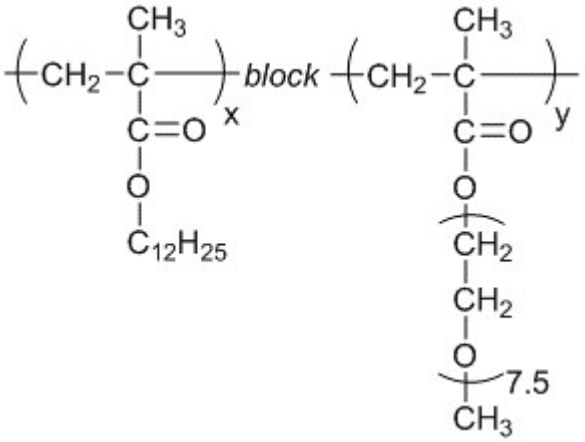

Fig. S1 Chemical structure of PDMA-*block*-PPEGMA used for the preparation of monolith particles.

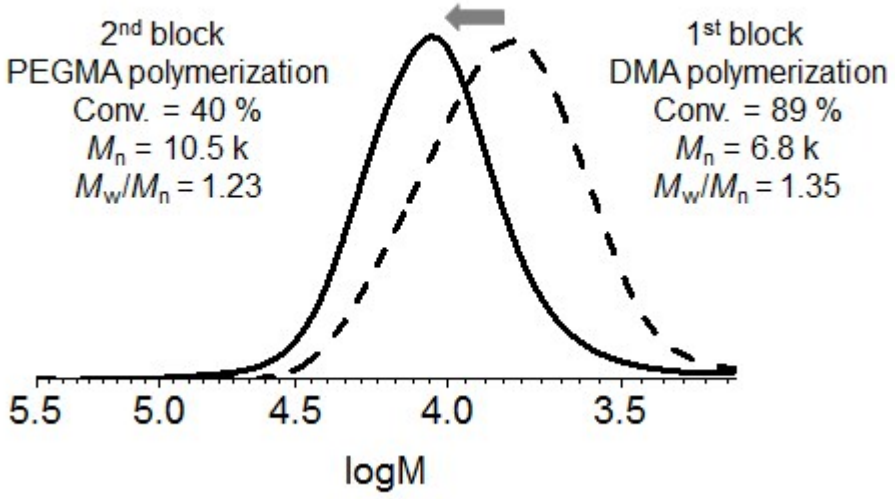

Fig. S2 GPC chromatograms before (dashed line) and after (solid line) the block copolymerization of DMA and PEGMA for the synthesis of $PDMA_{30}$-*block*-$PPEGMA_{15}$ (**2**).

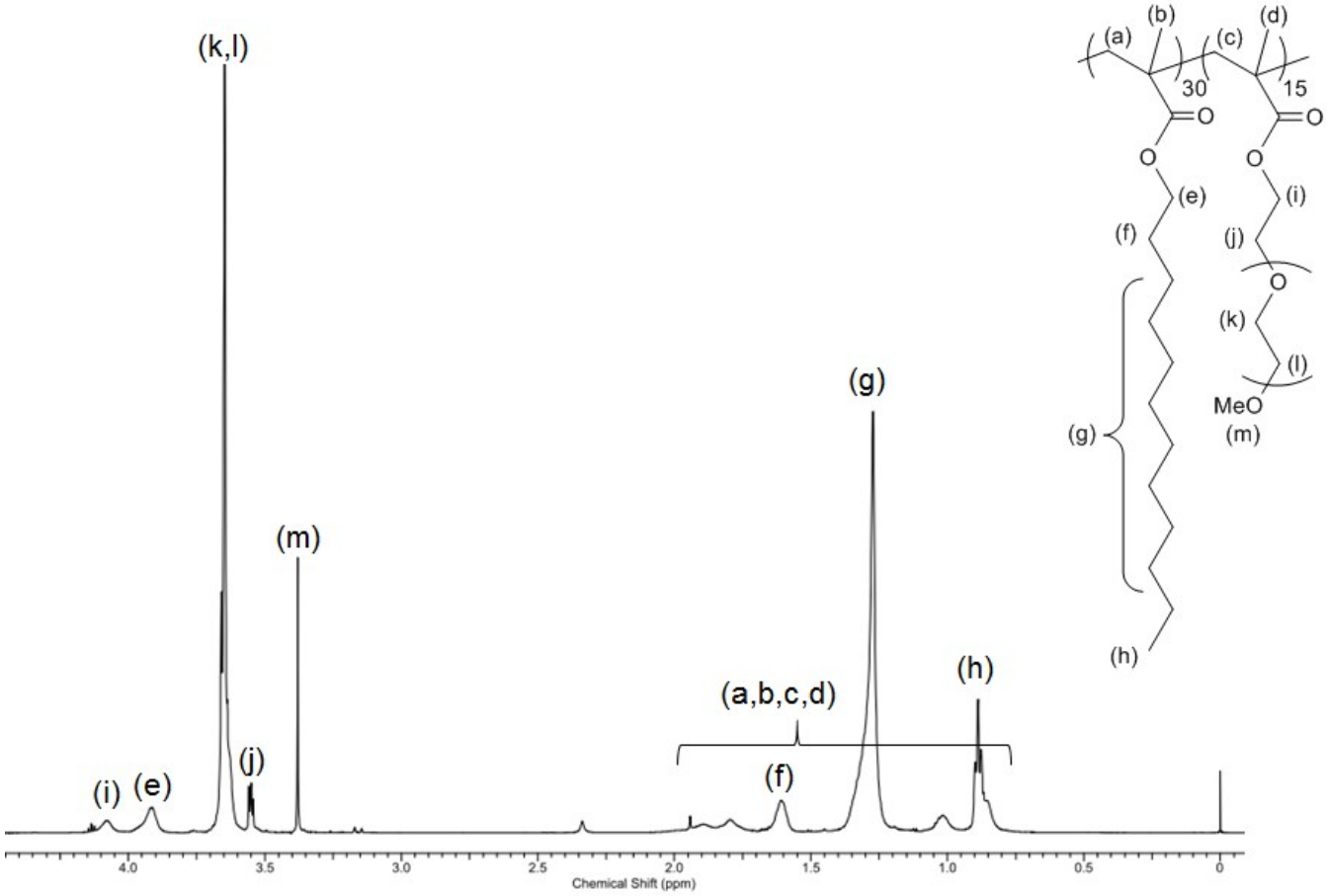

Fig. S3 ^{1}H-NMR spectrum of $PDMA_{30}$-*block*-$PPEGMA_{15}$ (**2**) in $CDCl_3$.

Table S1. Synthesis of PDMA-*block*-PPEGMA.

Sample	BCP	Polymerization (Monomer)	M[a] / I[a] / V70 / V65 / BNI	$[M]_0$[b] (wt%)	T (°C)	t (h)	Conv. (%)	M_n ($\times 10^3$ g mol^{-1})	PDI	$DP_{n,1st}$: $DP_{n,2nd}$
1	$PDMA_{30}$-*block*-$PPEGMA_{10}$	1st block (DMA)	8000/120/260/80/40	75	60	3	99	6.5	1.26	-
		2nd block[c] (PEGMA)	24000/0/0/60/0	75	60	3	11	9.0	1.21	-
		Purified	-	-	-	-	-	9.7	1.21	30 : 10
2	$PDMA_{30}$-*block*-$PPEGMA_{15}$	1st block (DMA)	8000/120/250/80/40	75	60	3	89	6.8	1.35	-
		2nd block[c] (PEGMA)	6400/0/0/60/0	75	60	3	40	10.5	1.23	-
		Purified	-	-	-	-	-	11.7	1.32	30 : 15
3	$PDMA_{40}$-*block*-$PPEGMA_{20}$	1st block[d] (DMA)	8000/80/120/0/40	100	60	2	72	13.0	1.07	-
		2nd block (PEGMA)	8000/160/0/60/40	40	60	3	40	25.0	1.16	-
		Purified	-	-	-	-	-	24.0	1.16	40 : 20
4	$PDMA_{60}$-*block*-$PPEGMA_{60}$	1st block (DMA)	8000/60/125/80/40	75	60	3	87	11.0	1.17	-
		2nd block[c] (PEGMA)	16000/0/0/60/0	75	60	3.5	44	21.0	1.33	-
		Purified	-	-	-	-	-	23.0	1.36	60 : 60

[a] M = monomer; I = PDMA-I for sample **3** (2nd block) and I = I_2 for others. [b] Monomer concentration in toluene for sample **3** (2nd block) and in diglyme for others. [c] Successive addition of the 2nd monomer. [d] Purified by reprecipitation from ethanol after polymerization.