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Electronic Supplementary Information

Novel nanocapsules with Co-TiC twin cores and regulable graphitic shells for superior electromagnetic wave absorption

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Table S1. Calculated weight fraction of Co-TiC in the samples A, B and C, respectively.

	Area integral intensity		Calculated in the co	Calculated phase fraction in the cores (wt%)	
Samples	of the strongest XRD peak				
-	TiC (200)	Co (111)	TiC	Со	
А	11.76	110.57	15.74	84.26	
В	12	97.83	17.73	82.27	
С	23.63	95.77	30.2	69.8	



Figure S1. Room temperature hysteresis loops of the Co-TiC@C NCs samples A-C.