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(54) Title: CHARGE-BEARING CYCLODEXTRIN POLYMERIC MATERIALS AND METHODS OF MAKING AND USING
SAME

Fig. 1

% Removal in 0.5 h	Crosslinker	GenX	PFBA	PFHxA	PFHpA	PFOA	PFHIA	PFDA	PFUnA	PFDoA	PFBS	PFHxS	PFOs
SL-0420-3	4,4'-MDI	0%	6%	18%	19%	29%	41%	63%	80%	83%	16%	29%	62%
SL-0420-4	4,4'-MDI	-8%	0%	1%	3%	0%	2%	1%	-3%	-16%	-9%	-5%	-10%
SL-1-010A	2,4-TDI	4%	8%	21%	33%	70%	89%	96%	97%	90%	22%	63%	96%
SL-1-010B	2,4-TDI	7%	9%	12%	14%	9%	15%	18%	22%	26%	7%	8%	3%
MB-1-036	TFN+CC	74%	68%	80%	82%	83%	85%	89%	90%	91%	86%	89%	91%
MB-1-037	TFN+CC	94%	101%	95%	96%	96%	96%	94%	91%	88%	96%	96%	92%

% Removal in 48 h	Crosslinker	GenX	PFBA	PFHxA	PFHpA	PFOA	PFHIA	PFDA	PFUnA	PFDoA	PFBS	PFHxS	PFOs
SL-0420-3	4,4'-MDI	8%	9%	14%	34%	76%	96%	98%	98%	89%	33%	64%	98%
SL-0420-4	4,4'-MDI	-13%	-7%	4%	4%	4%	-3%	-111%	-203%	5%	-7%	-1%	-46%
SL-1-010A	2,4-TDI	8%	6%	13%	38%	87%	99%	100%	99%	93%	6%	69%	99%
SL-1-010B	2,4-TDI	6%	8%	14%	17%	19%	23%	-69%	-249%	-75%	14%	19%	-7%
MB-1-036	TFN+CC	97%	88%	99%	99%	99%	99%	99%	98%	93%	99%	99%	98%
MB-1-037	TFN+CC	99%	106%	99%	99%	99%	99%	98%	94%	83%	99%	99%	98%

(57) Abstract: The present disclosure relates to charge-bearing polymeric materials and methods of their use for purifying fluid samples from micropollutants, such as anionic micropollutants.

[Continued on next page]

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