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APPENDIX

Synthesized KL zeolites.

Table A1 Characteristic of samples before and after heating

Ageing Time (hr)	Crystallization Time (hr)	Characteristic of Samples	
		Heat Treatment	
		Before Heat	After Heat
0	30	paste-like material	hard glass-like solid
	40		white mushy solid
	50		hard glass-like solid
5	20	white highly viscous solution, gelled itself after few minutes	white mushy solid
	30		white mushy solid
	40		hard glass-like solid
	50		very hard glass-like solid
15	20	white highly viscous solution, gelled itself after few minutes	white mushy solid
	25		white mushy solid
	30		white mushy solid
	40		hard glass-like solid
	50		very hard glass-like solid
17	20	non viscous solution, needed one hour to gel itself	white mushy solid
	25		white mushy solid + fine powder
	27		fine powder
	30		fine powder
	35		fine powder + hard glass-like solid
24	17	non viscous solution, needed one hour to gel itself	white mushy solid
	25		white mushy solid + fine powder
	30		fine powder
	38		very fine powder
	41		very fine powder
30	17	non viscous solution, needed one hour to gel itself	white mushy solid
	25		white mushy solid + fine powder
	30		fine powder
	35		fine powder
	39		very fine powder
	45		very fine powder

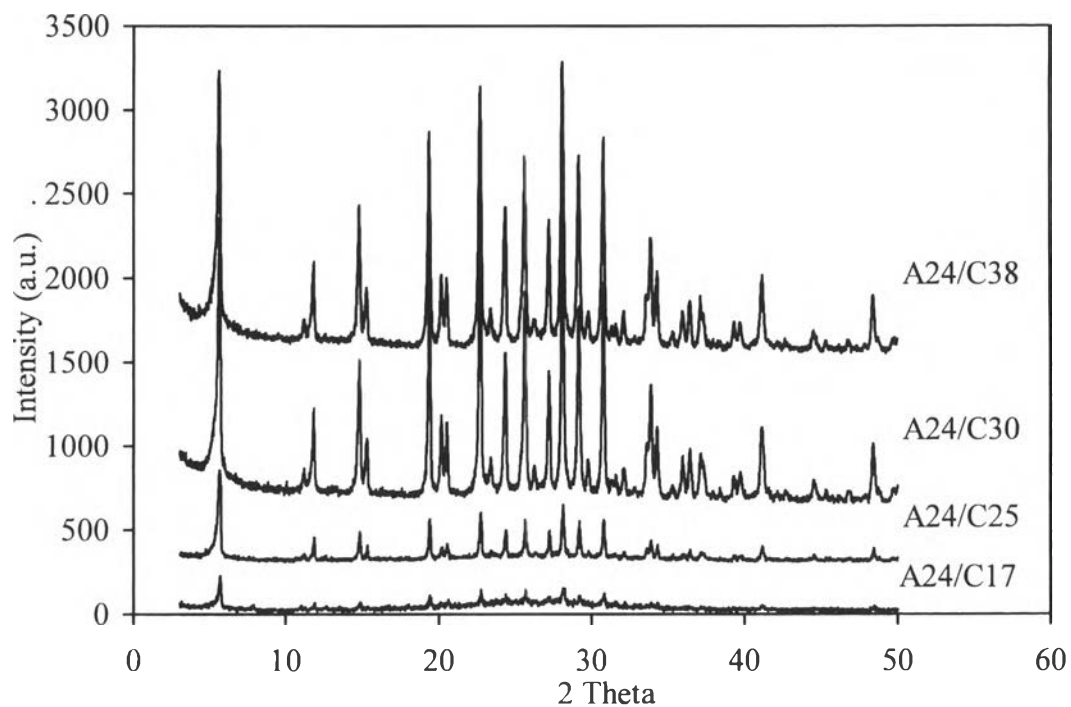


Figure A1 X-ray diffraction patterns of KL zeolite samples obtained with different crystallization times at crystallization temperature of 443 K and ageing time of 24 hours.

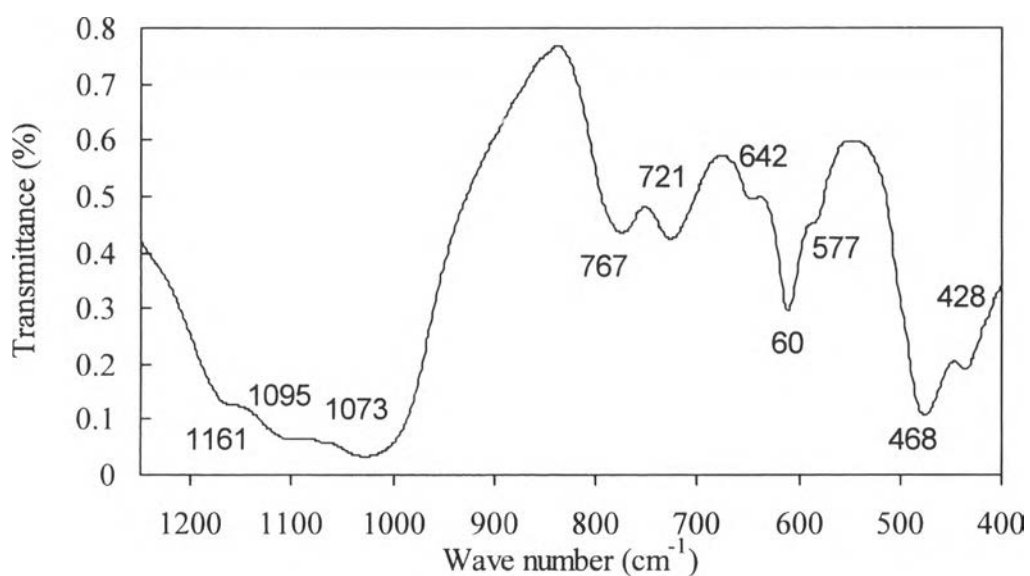


Figure A2 Infrared spectrum of A17/C30.

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