

Supporting information

An organic polymer grafted ionic liquid for cycloaddition of CO₂ to epoxides

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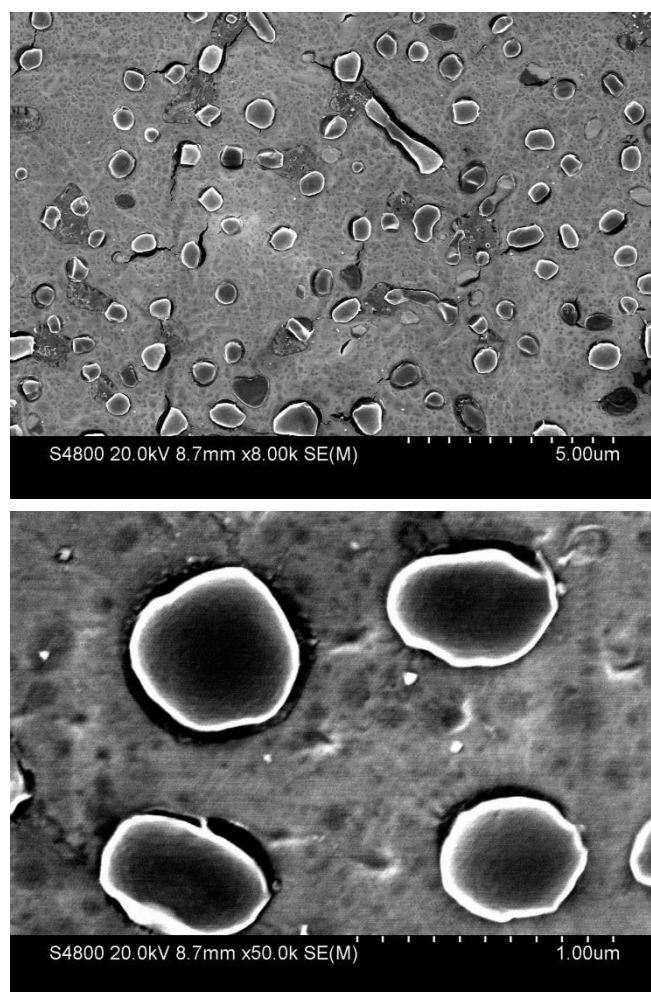
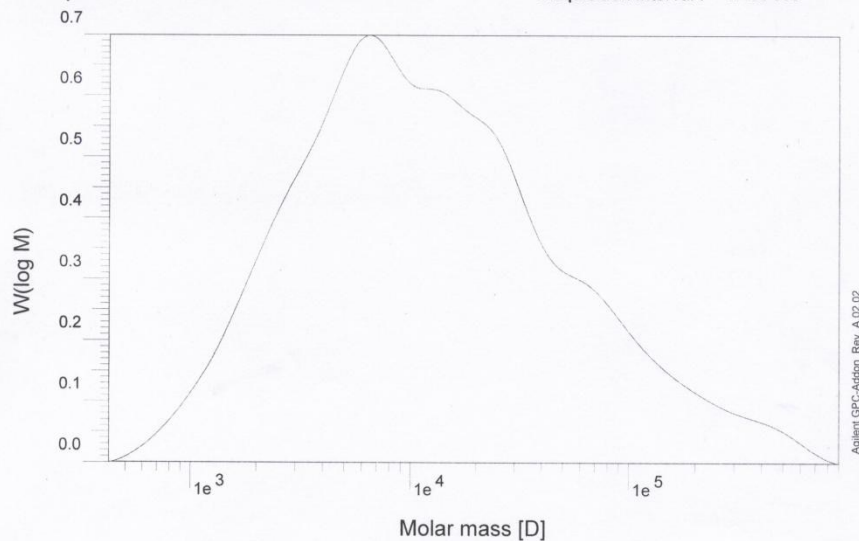


Fig. S11 SEM of BCP-IMCI

Sample : 1
 Injection Date : 02-Dec-13, 15:00:27
 Calibration File : C:\HPCHEM\GPC\calib\ps2013.CAL
 Calibration Date : Friday 05/17/13 10:55:50
 Baseline from : 5.635 min
 Integration from : 5.635 min
 MHK - A (Cal.): 0.000000E+0
 Eluent : thf
 Concentration : 1.000 g/l
 Detector 1 : RID A, Refractive Index Signal
 Operator : zxs

Baseline to : 8.761 min
 Integration to : 8.761 min
 MHK - K (Cal.): 1.000000E+0 ml/g
 Flowrate : 1.000 ml/min
 Inject volume : 50.000 μ l
 Delay volume : 0.000 ml
 Acquisition interval : 0.430 sec



rid1A

Mn :	5.7323e3	g/mol
Mw :	3.6334e4	g/mol
Mz :	1.9525e5	g/mol
Mv :	0.000000	g/mol
D :	6.3386e0	
[n] :	0.000000	ml/g
Vp :	7.7687e0	ml
Mp :	6.4603e3	g/mol
A :	1.3971e4	ml ^{1/2} /V
10%	2.2775e3	g/mol
30%	5.5021e3	g/mol
50%	1.1005e4	g/mol
70%	2.4163e4	g/mol
90%	8.7205e4	g/mol

Data File : C:\HPCHEM\1\DATA\20131203\20131201.D
 Print Date : Friday 04/25/14 10:08:30

Sign :

Fig. SI2 the result of determined molar mass

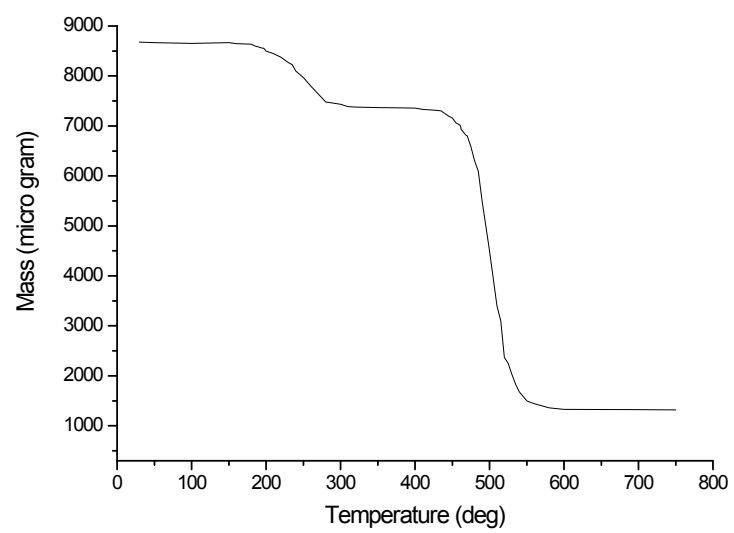


Figure S13 TGA of BCP-IMBr