Communication

Photoinitiated Cationic Ring-Opening Polymerization of Octamethylcyclotetrasiloxane

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Details of the matematical modelling in Figure 2

a

Model	Asymptotic1
Equation	y = a-b*c^x
Plot	reduced visc.
a	9,33997 ± 1,1793
b	9,94589 ± 1,86916
c	0,81979 ± 0,06821
Reduced Chi-Sqr	2,56405
R-Square(COD)	0,90433
Adj. R-Square	0,84055

b

Model	Asymptotic1
Equation	y = a-b*c^x
Plot	reduced visc.
a	7,82838 ± 1,24588
b	8,13362 ± 1,52971
c	0,88566 ± 0,05236
Reduced Chi-Sqr	1,60887
R-Square(COD)	0,90693
Adj. R-Square	0,84488

c

Model	Asymptotic1
Equation	y = a-b*c^x
Plot	reduced visc.
a	8,34118 ± 0,29399
b	8,3699 ± 0,48798
c	0,79125 ± 0,02419
Reduced Chi-Sqr	0,17573
R-Square(COD)	0,98993
Adj. R-Square	0,98321

d

Model	Asymptotic1
Equation	y = a-b*c^x
Plot	reduced viscosity
a	8,8086 ± 1,10594
b	9,07899 ± 1,21662
c	0,90038 ± 0,03501
Reduced Chi-Sqr	0,93036
R-Square(COD)	0,95339
Adj. R-Square	0,92232

Figure S1. Details of exponential curve fitting for (a) PDMS-1, (b) PDMS-2, (c) PDMS-3 and (d) PDMS-4.