

Prior	0	1	2	3
$\alpha$	1	0.500	0.250	0.125
$\beta$	1	0.500	0.250	0.125
$\nu$	4	2	1	0.5
Optimum values for controllable factors and time				
Initial amount of A	30.52	22.50	39.58	37.75
Initial amount of D	91.51	91.49	91.59	91.59
Initial amount of E	26.47	26.47	26.47	26.47
Temperature	313.15	313.15	313.15	313.15
Volume 31.28	31.28	31.28	31.28	
Time	199.10	453.36	169.59	169.59
Probability of satisfying specification limits				
Prior 0	0.77	0.75	0.78	0.73
Prior 1	0.74	0.75	0.75	0.73
Prior 2	0.76	0.74	0.78	0.73
Prior 3	0.76	0.74	0.77	0.76