

Initial cell density

Parameter	10,000	12,000	14,000	16,000	18,000	20,000
$D$ ( $\mu\text{m}^2/\text{hr}$ )	1851.8	465.0	2993.4	2371.0	2377.8	2017.1
$m$ (unitless)	0.9704	0.3001	0.9923	0.9879	0.8265	0.6235
$r$ (1/hr)	0.0435	0.0436	0.0481	0.0484	0.0526	0.0639